		DEPARTMENT	TATE OF UTAH OF NATURAL RE OF OIL, GAS AND				FOR	
APPLI	CATION FOR	PERMIT TO DRILL	L			1. WELL NAME and Peter's F	I NUMBER Point Unit Fed 6-31D-	12-17
2. TYPE OF WORK  DRILL NEW WELL	REENTER P	&A WELL DEEPE	EN WELL			3. FIELD OR WILD	CAT PETERS POINT	
4. TYPE OF WELL Gas W	ell Coall	bed Methane Well: NO				5. UNIT or COMMU	INITIZATION AGRE	EMENT NAME
6. NAME OF OPERATOR	BILL BARR					7. OPERATOR PHO		
8. ADDRESS OF OPERATOR		300, Denver, CO, 80202	<u> </u>			9. OPERATOR E-Ma		rom
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU03333		11. MINERAL OWNE		( FI	EE ()	12. SURFACE OWN		FEE (
13. NAME OF SURFACE OWNER (if box 12	= 'fee')	1				14. SURFACE OWN	IER PHONE (if box	12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box	( 12 = 'fee')					16. SURFACE OWN	IER E-MAIL (if box	12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COM MULTIPLE FORMATI YES (Submit C			OM O <b>(</b>	19. SLANT VERTICAL DI	RECTIONAL 📵 H	ORIZONTAL 🛑
20. LOCATION OF WELL	FC	OOTAGES	QTR-QTR	SE	CTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2401 F	SL 1077 FEL	NESE		36	12.0 S	16.0 E	S
Top of Uppermost Producing Zone	2450 F	FNL 325 FWL	SENW		31	12.0 S	17.0 E	S
At Total Depth	1959 F	NL 1939 FWL	SENW		31	12.0 S	17.0 E	S
21. COUNTY  CARBON		22. DISTANCE TO N	EAREST LEASE LI 692	NE (Feet	:)	23. NUMBER OF A	CRES IN DRILLING	UNIT
		25. DISTANCE TO N (Applied For Drilling		SAME PO	OOL	26. PROPOSED DE	<b>PTH</b> D: 8500 TVD: 7200	)
27. ELEVATION - GROUND LEVEL		28. BOND NUMBER				29. SOURCE OF DE	RILLING WATER / PPROVAL NUMBER	IF APPLICABLE
6732			WYB000040				Nine Mile Creek	
		A <sup>-</sup>	TTACHMENTS					
VERIFY THE FOLLOWING	ARE ATTACH	HED IN ACCORDAN	ICE WITH THE I	JTAH O	IL AND (	GAS CONSERVAT	ION GENERAL R	ULES
WELL PLAT OR MAP PREPARED BY	LICENSED SUI	RVEYOR OR ENGINEE	R CO	MPLETE I	DRILLING	G PLAN		
AFFIDAVIT OF STATUS OF SURFACE	OWNER AGRI	EEMENT (IF FEE SURF	FACE) FOI	RM 5. IF (	OPERATO	R IS OTHER THAN 1	THE LEASE OWNER	
DIRECTIONAL SURVEY PLAN (IF DID DRILLED)	RECTIONALLY	OR HORIZONTALLY	г тог	POGRAPH	IICAL MA	р		
NAME Tracey Fallang		TITLE Regulatory Mana	ger		PHONE	303 312-8134		
SIGNATURE		<b>DATE</b> 01/18/2011			EMAIL	tfallang@billbarrettco	rp.com	
API NUMBER ASSIGNED 43007501160000	,	APPROVAL			Bo	00 Eyill		
					Perr	nit Manager		

API Well No: 43007501160000 Received: 1/18/2011

		Proposed Hole, Ca	sing, and Cement		
String	Hole Size	<b>Casing Size</b>	Top (MD)	Bottom (MD)	
Cond	24	14	0	40	
Pipe	Grade	Length	Weight		
	Unknown	40	36.0		

API Well No: 43007501160000 Received: 1/18/2011

	Propo	sed Hole, Casing, ar	nd Cement		
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)	
Prod	8.75	4.5	0	8500	
Pipe	Grade	Length	Weight		
	Grade P-110 LT&C	8500	11.6		

API Well No: 43007501160000 Received: 1/18/2011

	Proj	oosed Hole, Casing, a	and Cement		
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)	
Surf	12.25	9.625	0	1000	
Pipe	Grade	Length	Weight		
	Grade J-55 ST&C	1000	36.0		

## APIWellNo:43007501160000'

### **DRILLING PROGRAM**

### BILL BARRETT CORPORATION Peter's Point Unit Federal 6-31D-12-17

NESE, 2401' FSL, 1077' FEL, Sec. 36, T12S-R16E (surface hole) SENW, 1959' FNL, 1939' FWL, Sec. 31, T12S-R17E (bottom hole) Carbon County, Utah

### 1-2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	Depth - MD	Depth - TVD
Green River	Surface	Surface
Wasatch	3475'*	2853'*
North Horn	6031'*	4683**
Dark Canyon	7446'*	60931*
Price River	7666'*	63131#
TD	8500'*	7200'*

**PROSPECTIVE PAY:** \*Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas. Any shallow water zones encountered will be adequately protected and reported. All potentially productive hydrocarbon zones will be cemented off.

### 3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 1000'	No pressure control required
1000' – TD	11" 3000# Ram Type BOP
	11" 3000# Annular BOP
- Drilling spool to a	accommodate choke and kill lines;
- Ancillary equipme	ent and choke manifold rated at 3,000#. All BOP and BOPE tests will be in
accordance with the	he requirements of onshore Order No. 2;
- The BLM and the	State of Utah Division of Oil, Gas and Mining will be notified 24 hours in
advance of all BC	P pressure tests.
- BOP hand wheels	may be underneath the sub-structure of the rig if the drilling rig used is set up
to operate most ef	ficiently in this manner.

Bill Barrett Corporation Drilling Program Peter's Point Unit Federal #6-31D-12-17 Carbon County, Utah

### 4. Casing Program

Hole Size	Setting	Depth	Casing	Casing	Casing	Thread	Condition
	From	To	Size	Weight	Grade		
24"	Surface	40'	14"	36#			
12 ¼"	Surface	1000'	9 5/8"	36#	Jor K 55	ST&C	New
8 ¾" and	Surface	8500'	5 ½"	17.0#	P-110	LT&C	New
7 7/8"			4 1/21'	11.6#	P-110	LT&C	New

Note: BBC will use one of the options of production casing size noted above. In addition, the 7/8" hole size will begin at the point the bit is changed.

### 5. Cementing Program

16" Conductor Casing	Grout cement
9 5/8" Surface Casing	Lead with approximately 170 sx Varicem cement + additives mixed at 12.0 ppg (yield = 2.53 ft <sup>3</sup> /sx).  Tail with approximately and 190 sx Halcem cement with additives mixed at 15.8 ppg (yield = 1.16 ft <sup>3</sup> /sx) circulated
	to surface with 100% excess.
5 ½" Production Casing	Lead with approximately 320 sx (4 ½" csg) or 260 sx (5 ½" csg) of Halliburton Light Premium cement with additives
OR	mixed at 12.5 ppg (yield = $1.96 \text{ ft}^3/\text{sx}$ ).
4 1/2" Production Casing	Tail with approximately 1470 sx (4 ½" csg) or 1210 sx (5 ½" csg) of 50/50 Poz cement + additives mixed at 13.4 ppg (yield = 1.45 ft <sup>3</sup> /sk), circulated to ~800' with 15% excess.
Note: Actual volumes to be calcula	ated from caliper log.

### 6. Mud Program

Interval	Weight	Viscosity	Fluid Loss	Remarks
· -			(API filtrate)	
0 – 40'	8.3 – 8.6	27 – 40		Native Spud Mud
40' - 1000'	8.3 - 8.6	27 – 40	15 cc or less	Native/Gel/Lime
1000' - TD	8.6 – 9.5	38 – 46	15 cc or less	LSND/DAP

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

### 7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.

Bill Barrett Corporation Drilling Program Peter's Point Unit Federal #6-31D-12-17 Carbon County, Utah

### Anticipated Abnormal Pressures or Temperatures 8.

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3557 psi\* and maximum anticipated surface pressure equals approximately 1973 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

- \*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)
- \*\*Maximum surface pressure =  $A (0.22 \times TD)$

### 9. **Auxiliary Equipment**

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

### 10. **Drilling Schedule**

Location Construction:

Spud:

July 1, 2011

September 1, 2011 Duration: 10 days drilling time

30 days completion time

### APIWellNo:43007501160000'

### Other -Onshore Variances Requested

### Use of EFM and Flow Conditioner (Onshore Order No. 5)

Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application.

Use of a flow conditioner is also being requested (versus straightening vanes). Flow conditioners have been proven to be as or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR

24" minimum up to 3 1/2' long x 3" (ID 3.068)

### Air Drilling (Onshore Order No. 2)

Air drilling operations will be conducted with the purpose of drilling and setting surface casing with a truck mounted air rig, for all Federal wells located at this pad. Surface casing is approximately 1000°. Bill Barrett Corporation with comply with the following surface air drilling operation requirements:

- 1. Properly lubricated and maintained diverter system in place of a rotating head. The diverter system forces air and cutting returns to the cuttings pit and is used solely to drill the surface hole. In addition, BBC will use a properly lubricated and maintained rotating head in compliance with OOG No. 2.
- 2. The Blooie line will discharge at least 100 feet from the wellbore and will be securely anchored.
- 3. An automatic igniter or continuous pilot light will be installed at the end of the blooie line.
- 4. Compressors that supply energy to drill the air filled surface hole will be located 100' away from the wellbore and on the opposite side of the blooie line. The compressors will be equipped with 1) emergency kill switch, 2) pressure relief valves 3) spark arresters on the motors.

## APIWellNo:43007501160000'

### PRESSURE CONTROL EQUIPMENT - Schematic Attached

- A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:
  - 1. One (1) blind ram (above).
  - 2. One (1) pipe ram (below).
  - 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
  - 4. 3-inch diameter choke line.
  - 5. Two (2) choke line valves (3-inch minimum).
  - 6. Kill line (2-inch minimum).
  - 7. Two (2) chokes.
  - 8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
  - 9. Upper kelly cock valve with handles available.
  - 10. Safety valve(s) & subs to fit all drill string connections in use.
  - 11. Pressure gauge on choke manifold.
  - 12. Fill-up line above the uppermost preventer.

### B. Pressure Rating: 3,000 psi

### C. Testing Procedure:

### Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

### Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yieldstrength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirments of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

### D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

### E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the Onshore Oil & Gas Order Number 2.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

### F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The choke manifold will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.



### **NINE MILE CEMENT VOLUMES**

Well Name:

Peter's Point Unit Federal 6-31D-12-17

### Surface Hole Data:

Total Depth:	1,000
Top of Cement:	0,
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

203.6 ft <sup>3</sup>	<b>Lead</b> Volume:
650'	Lead Fill:
.09,6 ft <sup>3</sup>	Tail Volume:
350'	Tail Fill:

### Cement Data:

<b>Lead</b> Yield:	2.53	ft <sup>3</sup> /sk
Tail Yield:	1,16	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Backs:

# SK's Lead:	170
# SK's Tail:	190

### Production Hole Data:

Total Depth:	8,500'
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing;	4,500"

### Calculated Data:

*	Lead Volume:	522,1	ft <sup>3</sup>	
	Lead Fill:	1,700'		- 20
	Tail Volume:	1842.8	ft <sup>3</sup>	3
	Tail Fill:	6,000'		

### Cement Data:

Lead Yield:	1.91	ft <sup>3</sup> /sk	
Tail Yield:	1.45	ft <sup>3</sup> /sk	
% Excess:	15%		

### Calculated # of Sacks:

# SK's Lead:	320
# SK's Tail:	1470

Peter's Point Unit Federal 6-31D-12-17 Proposed Cementing Program

Job Recommendation		<u>Sw</u>	rface Casing
Lead Cement - (650' - 0')			
Varicem ™ Cement	Fluid Weight:	12	lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	2.53	ft <sup>3</sup> /sk
	Total Mixing Fluid:	14.82	Gal/sk
	Top of Fluid:	Ο'	
	Calculated Fill:	650'	
	Volume:	36.25	bbl
	Proposed Sacks:	170	sks
Tail Cement - (1000' - 650')			
Halcem ™ System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.16	ft <sup>3</sup> /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	650'	
	Calculated Fill:	350'	
	Volume:	19.52	bbl
	Proposed Sacks:	190	sks

b Recommendation		Produc	tion Cas
Lead Cement - (800' - 2500')			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.91	ft <sup>3</sup> /sk
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	8001	
0.25% Fe-2	Calculated Fill:	1,700'	
0.2% Econolite	Volume:	92.99	bbl
	Proposed Sacks:	320	sks
Tail Cement - (2500' - 8500')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
3.0 % KCL	Slurry Yield:	1.45	ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid:		Gal/sk
0.2% FWCA	Top of Fluid:	2,500	
0.3% Super CBL	Calculated Fill:	6,000'	
0.125 lbm/sk Poly-E-Flake	Volume:	328.19	bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	1470	sks



### **Bill Barrett Corporation**

### NINE MILE CEMENT VOLUMES

Well Name:

Peter's Point Unit Federal 6-31D-12-17

### Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	203,6	ft <sup>3</sup>
Lead Fill:	650'	
Tail Volume:	109.6	ft³
Tail Fill:	350'	

### Cement Data:

Lead Yield:	2.53	ft <sup>3</sup> /sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Sacks:

# SK's Lead:	170
# SK's Tail:	190

### **Production Hole Data:**

Total Depth:	8,500'
Top of Cement:	800.
OD of Hole:	8.750"
OD of Casing:	5.500"

### Calculated Data:

Lead Volume:	429.4	ft <sup>3</sup>	
Lead Fill:	1,700'		
<b>Tail</b> Volume:	1515.6	ft <sup>3</sup>	
Tail Fill:	6,000	Î	

### Cement Data:

Lead Yield:	1.91	ft³/sk
Tail Yield:	1.45	ft³/sk
% Excess:	15%	

### Calculated # of Sacks:

# SK's Lead:	260
# SK's Tail:	1210

Peter's Point Unit Federal 6-31D-12-17 Proposed Cementing Program

Job Recommendation		Sw	rface Casing
Lead Cement - (650' - 0')			
Varicem ™ Cement	Fluid Weight:	12	lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	2.53	ft <sup>3</sup> /sk
	Total Mixing Fluid:		Gal/sk
	Top of Fluid:	Ο'	
	Calculated Fill:	650'	
	Volume:	36.25	ppl
	Proposed Sacks:	170	sks
Tail Cement - (1000' - 650')			
Halcem ™ System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.16	ft <sup>3</sup> /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	650'	
	Calculated Fill:	350'	
	Volume:	19.52	bbl
	Proposed Sacks:	190	sks

b Recommendation		Produc	tion Casir
Lead Cement - (800' - 2500')			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.91	$\mathrm{ft}^3/\mathrm{sk}$
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'	
0.25% Fe-2	Calculated Fill:	1,700'	
0.2% Econolite	Volume:	76.48	bbl
	Proposed Sacks:	260	sks
Tail Cement - (2500' - 8500')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
3.0 % KCL	Slurry Yield:	1.45	ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid:	6.82	Gal/sk
0.2% FWCA	Top of Fluid:	2,500'	
0.3% Super CBL	Calculated Fill:	6,000'	
0.125 lbm/sk Poly-E-flake	Volume:	269.91	bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	1210	sks

STATE PLANE NAD 27 N: 512768.93 E: 2406137.97

### BILL BARRETT CORPORATION BASIS OF ELEVATION Well location, PETERS POINT UNIT FEDERAL COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M. TAKEN FROM THE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 #6-31D-12-17, located as shown in the NE 1/4 SE 1/4 of Section 36, T12S, R16E, S.L.B.&M., MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL Carbon County, Utah. SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET. BASIS OF BEARINGS $R \mid R$ BASIS OF BEARINGS IS A G.P.S. OBSERVATION. 17 S89'56'11"W — 2633.88' (Meas.) **E** S89°56'50"W - 2633.41' (Meas.) N89'57'34"H 1961 Bross Cap 1961 Bross Cop 1961 Broom Cop Q3' High, Pile of 2.0' High, Pile of 1.0' High, Pile of Stones Stones (Meas. DISTANCE TABLE FROM BEARING DISTANCE 3 959, N00'49'56"E 6-310-12-17 #14-360-12-18 2305.30 2640. #8-31D-12-17 579'41'53"W 2529.01 #2 N0022 2651.19 #8-31D-12-17 S00'07'11"W 68-31D-12-17 F5-36D-12-16 N49'08'52"W 1403.19 #6-31D-12-17 #11-36D-12-16 N48'27'14"W 1416,52 W0022'30"W #8-31D-12-17 7-360-12-16 N49'48'49"W 1430,68 #8-310-12-17 #8-38-12-16 N49"57"31"W 1445,25 #9-38-12-18 #8-31D-12-17 N37'38'18"E 292,36 46-310-12-17 /2-36D-12-16 1939 N3817'25"E 307.43 **Bottom** #6-31D-12-17 12-310-12-16 N38'52'53"E 321.71 N7.5 0.5 '5 7.1 8-310-12-17 #4-31D-12-16 N39"28"59"E 338.25 1961 Brass Cap Hole 1.5' High, Pie of 3146.12 Stones 36 1961 Bross Cap 0.5' High, Pile of Stones 1077 PETERS POINT UNIT FEDERAL (Meas. #6-31D-12-17 37 Elev. Ungraded Ground = 6732' 2634 1 T12S, R16E, S.L.B.&M. W-\$1,02.00N 28 200 56.10" (G.L.Q.) | M.C. 1961 Brass Cap SCALE 1961 Bross Cap Brass Cop Q.6' High, Pie of 20' High, Pile of 1.1' High True Possition Stones S89°58'11"W - 2633.44' (Meas.) S89°58'04"W 2635.77' (Meas. to True) CERTIFICATE THIS IS TO CERTIFY THAT THE ABOVE PORT HAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME AND TRUE AND CORRECT TO THE BEST OF MY KNOWLENCE AND DELICE BEST OF MY KNOWLEDGE AND BELIEF LEGEND: REGISTERED LAND SURVEYOR ATAMPE OF UTAMINI REGISTRATION NO. 161319 = 90' SYMBOL REVISED: 07-22-10 = PROPOSED WELL HEAD. = SECTION CORNERS LOCATED. UINTAH ENGINEERING & LAND SURVEYING SECTION CORNERS 86 SOUTH 200 BAST - VERNAL UTAH 84078 RE-ESTABLISHED. (435) 789-1017 (Not Set on Ground.) NAD 83 (TARGET BOTTOM HOLE) LATITUDE = 39°45'55.66" (39.732128) LONGTUDE = 110°03'23.45" (110.056514) NAD 27 (TARGET BOTTOM HOLE) LATITUDE = 39°43'55.79" (39.732165) LONGTUDE = 110°03'20.91" (110.055808) NAD\_83 (SURFACE\_LOCATION) LATITUDE = 39'45'48.64" (39.729822) LONGITUDE = 110'04'01.98" (110.087217) NAD\_27 (SURFACE\_LOCATION) LATITUDE = 39'45'48.77" (39.729658) LONGITUDE = 110'03'59.43" (110.088508) SCALE DATE SURVEYED: DATE DRAWN: 1" = 1000"

D.R.

COOL

B.H.

C.C.

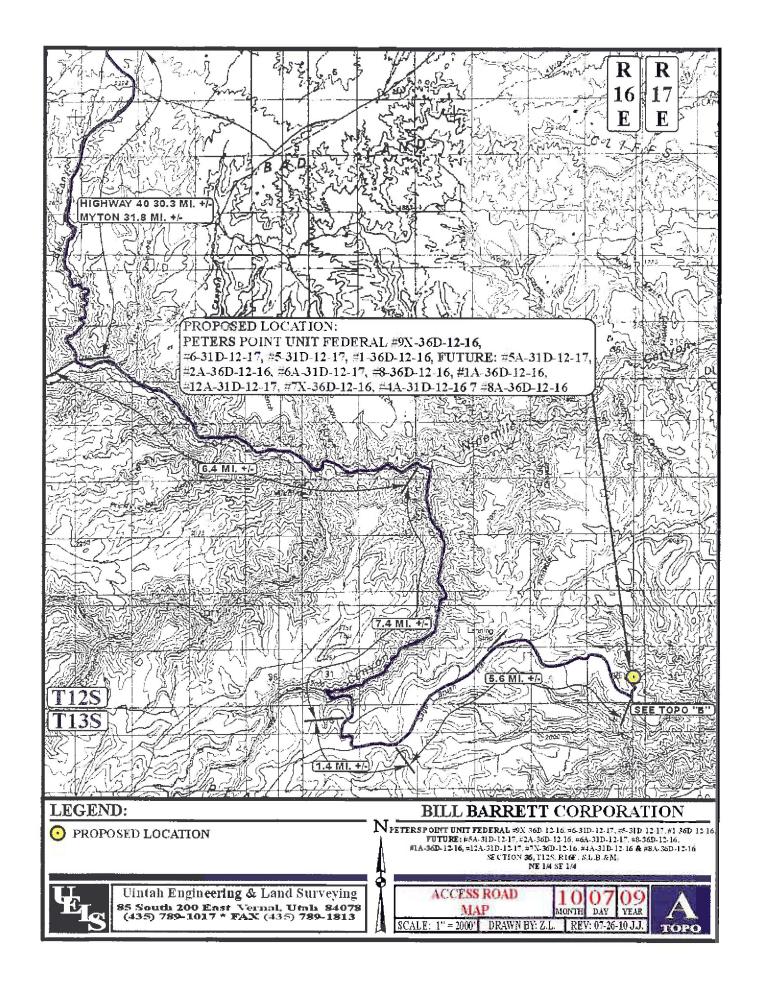
09 - 30 - 09

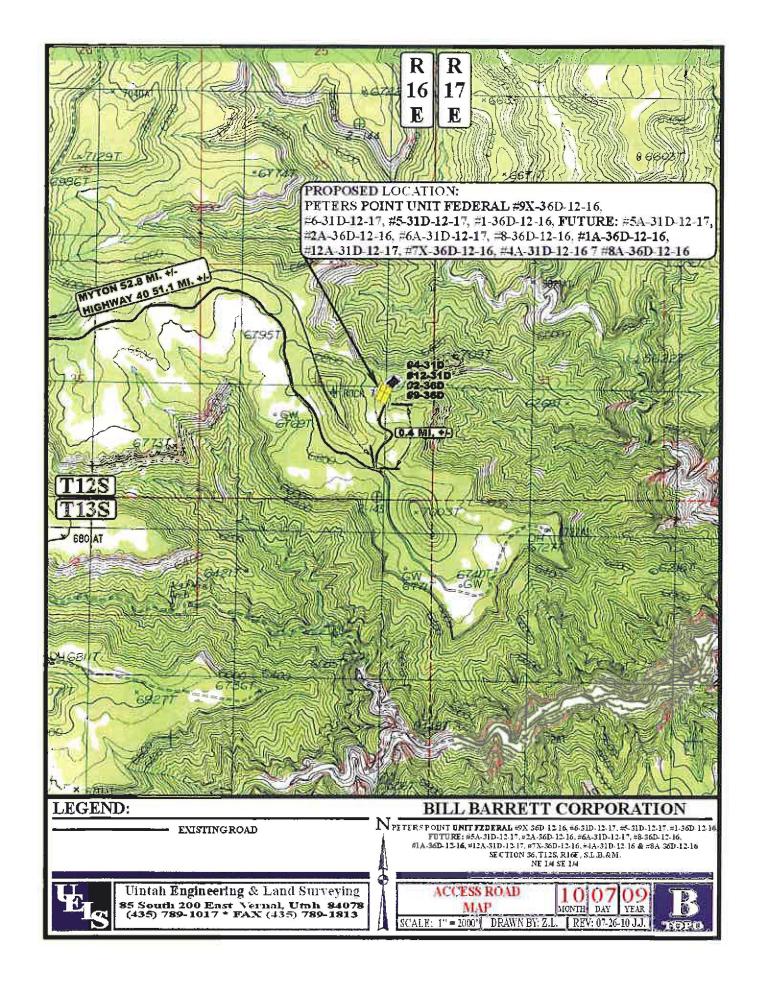
G.L.O. PLAT

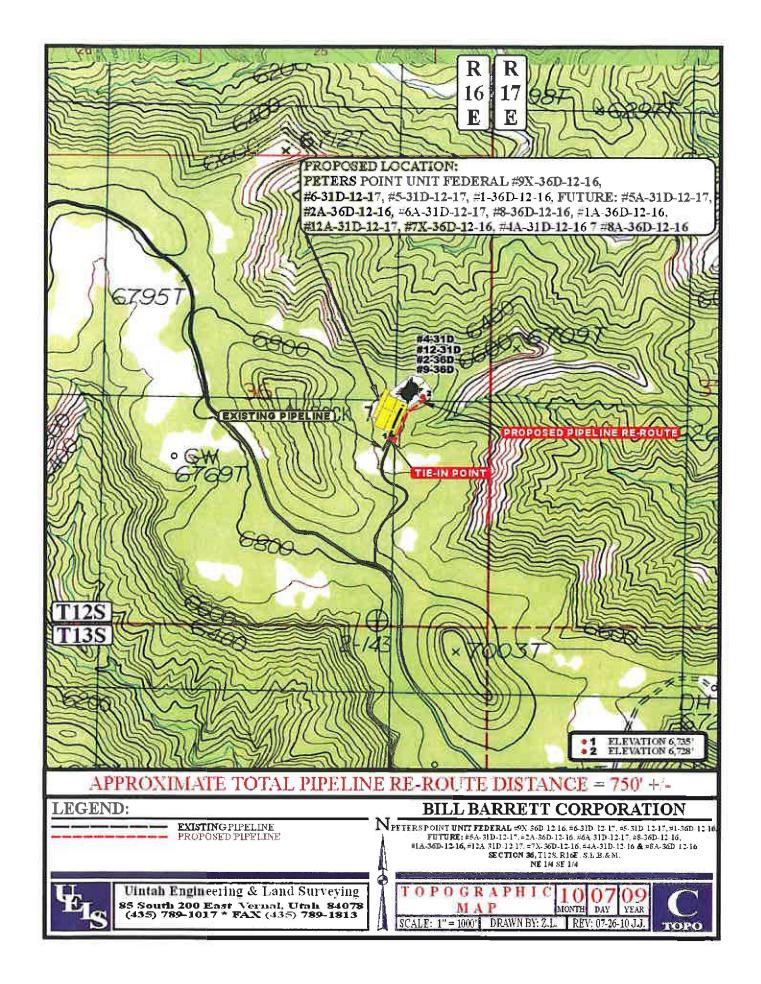
BILL BARRETT CORPORATION

REFERENCES

10-02-09



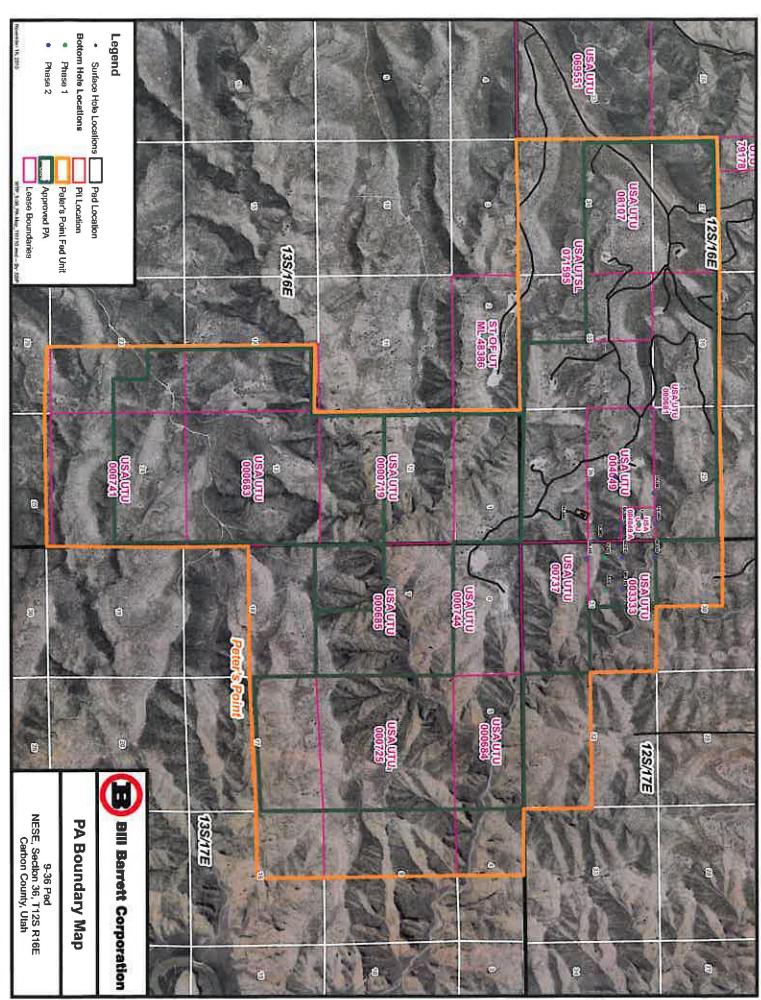


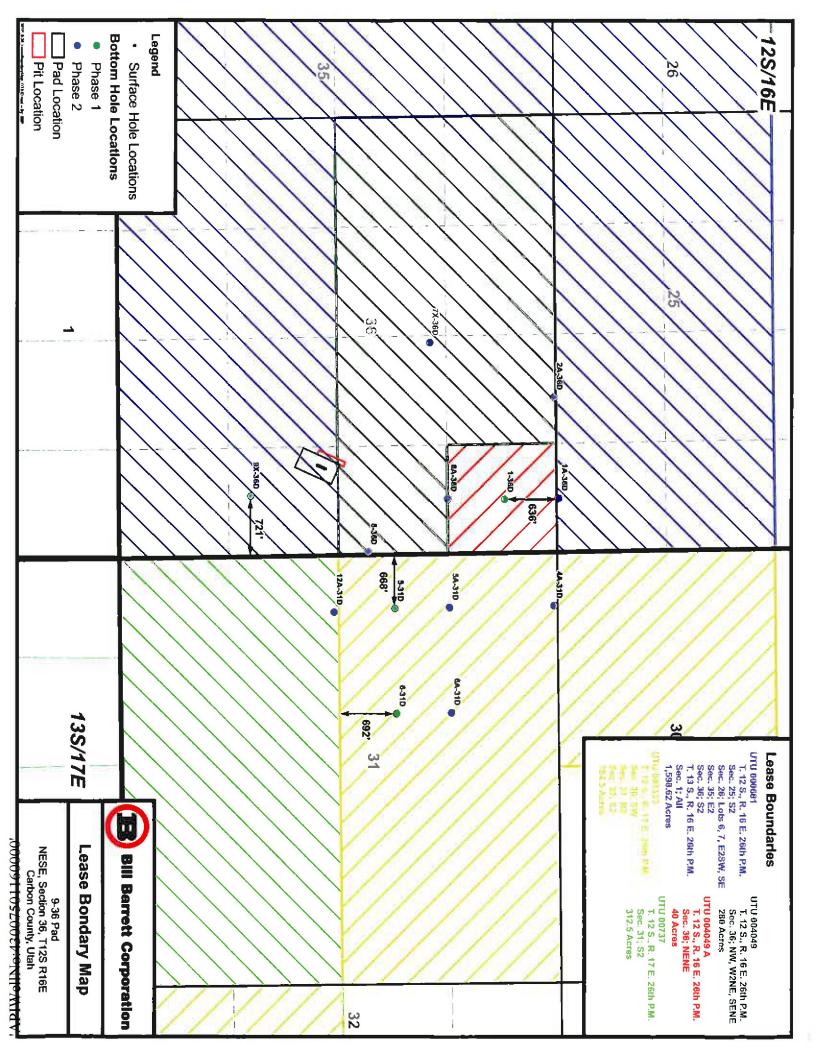


# BILL BARRETT CORPORATION PETERS POINTUNIT FEDERAL #9X-36D-12-16, #6-31D-12-17, #5-31D-12-17, 1-36D-12-16, FUTURE: #5A-31D-12-17, #2A-36D-12-16, #6A-31D-12-17, #8-36D-12-16, #1A-36D-12-16, #12A-31D-12-17, #7X-36D-12-16, #4A-31D-12-16 & #8A-36D-12-16 SECTION 36, T12S, R16E, S.L.B.&M.

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 28.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY APPROXIMATELY 6.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 7.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 5.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH: TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 53.2 MILES.





## 'APIWellNo:43007501160000'

BILL BAR PETERS POINT UNIT FEDERAL #9X-36D-12 #2A-36D-12-16, #6A-31D-12-17, #8-36D-12-16, #1A-36D-12-16, #12A-31D-12-17, #7X-36D-12-16, #4A-31D-12-16 & #8A-36D-12-16

LOCATED IN DUCHESNE COUNTY, UTAH SECTION 36, T12S, R16E, S.L.B.&M.

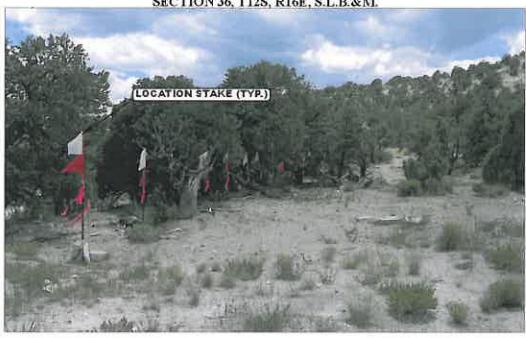


PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHEASTERLY



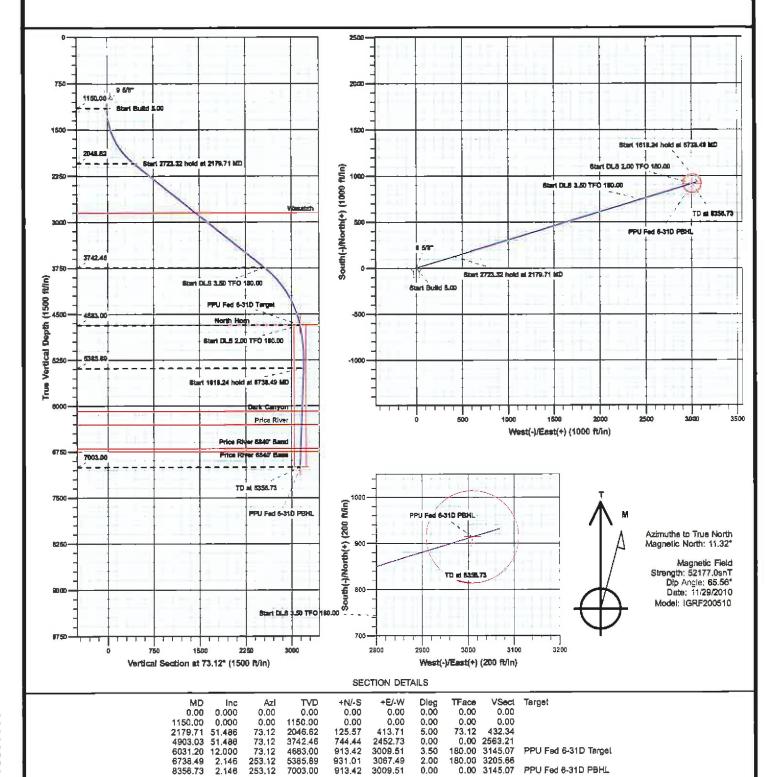
LOCATION	PHOTOS	1	ONTH	07 DAY	O9 YEAR	рното
TAKEN BY: T.A.	DRAWN BY: Z	.L.	RE	/: 07-26	10 J.J.	



US State Plane 1927 (Exact solution) , Utah Centrel 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 6731.08

+N/-S +E/-W Northing Easting Letitude Longitude 0,00 0,00 511807.63 2403143.87 39\* 43\* 45.77 N 110\* 3\* 59.43 W





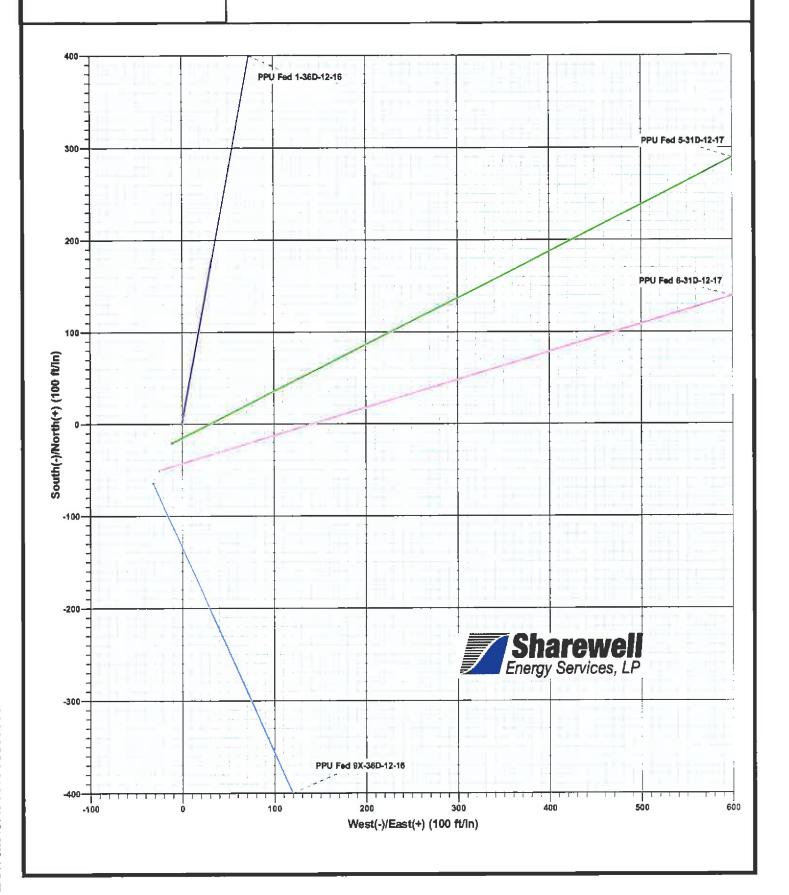


### WELL DETAILS: Pater's Point 9-35 Pad

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 6731.00

+N/-S +E/-W Northing Easting Latitude Longitude 0.00 0.00 511858.96 2403167.25 39\*45\*47.27 N 110\*3\*59.12 W





### Sharewell Planning Report



Database: Company: Project: Site:

Well:

Compass VM BIII Barrett Corp.

Carbon County, UT [NAD27] Peter's Point 9-36 Pad PPU Fed 6-31D-12-17

Wellbore: Wellbore #1 plan1 29nov10 smw Design:

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well PPU Fed 6-31D-12-17

KB @ 6749.00ft KB @ 6749.00ft

True

Minimum Curvature

Project

Carbon County, UT [NAD27]

Map System: Geo Datum: Map Zone:

US State Plane 1927 (Exact solution)

NAD 1927 (NADCON CONUS) Utah Central 4302

System Datum:

Mean Sea Level

Using geodetic scale factor

Site

Peter's Point 9-36 Pad

Site Position: From: Position Uncertainty:

Lat/Long

Northing: Easting: 0.00 ft

Slot Radius:

511,881.05 usft Latitude: 2,403,296.89 usft 1.10 桁

Longitude: **Grid Convergence:**  39° 43' 47.27 N 110" 3' 57.46 W

0.92 1

Well

PPU Fed 6-31D-12-17

+N/-S Well Position +E/-W

-50.66 ft -153.86 ft Northing: Easting:

511,807.93 usft 2,403,143.88 usft

Letitude: Longitude:

39° 43' 46,77 N 110" 3' 59.43 W

**Position Uncertainty** 

0.00 ft

Wellhead Elevation:

11/29/10

Ground Level:

65.56

6,731.00 ft

Wellbore Magnetics

**Model Name** 

Wellbore #1

Sample Date

0.00

Declination 11.32 Dip Angle

Field Strength (nT)

52,177

Design **Audit Notes:** 

Version: Phase: Depth From (TVD) Vertical Section:

plan1 29noviú smw

IGRF200510

**PROTOTYPE** +N/-S

(ft)

0.00

(ft)

0.00

0.00

Tle On Depth: +E/-W

(ft)

0.00

0.00 Direction

TFO

(7)

(°) 73.12

Plan Sections Measured

6,738.49

8,356.73

(ff) (7) (ft) (") 0.000 0.00 0.00 0.00 1.150.00 0.000 0.00 1,150,00 2,179.71 51.486 73.12 2,046.62 4.903.03 51.486 73.12 3,742,46 6,031.20 12,000

2.146

2.146

Vertical +N/-S +E/-W Depth Inclination Azimuth Depth (11) 0.00 0.00 125.57

413.71 744.44 2,452,73 73.12 4,683.00 913.42 3,009,51 253.12 5.385.89 931.01 3.067.49 253.12 7.003.00 913.42 3.009.51

Dogleg Build Rate Rate ("/100ft) ("/100ft)

0.00

0.00

5.00

0.00

3,50

2.00

0.00

Turn Rate (\*/100ff)

-3.50

-1.39

0.00

0.00 0.00 0.00 0.00 0.00 0.00 5.00 0.00 73.12 0.00 0.00 0.00

0.00

0.00 180,00 PPU Fed 6-31D Targo 25.45 180.00 0.00 PPU Fed 6-31D PBHI

Target

APIWellNo:43007501160000'



### Sharewell Planning Report



Compass VM

Carbon County, UT [NAD27] Peter's Point 9-36 Pad PPU Fed 6-31D-12-17

Well: Wellbore: Wellbore #1 plan1 29nov10 smw Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Well PPU Fed 6-31D-12-17

KB @ 6749.00ft KB @ 6749.00ft

True

Minimum Curvature

esign:		plan1 29nov10	SITW				ll l			
lanned Surv	еу									
De	ured pth 1)	Inclination (*)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate ("/100ft)	Build Rate (*/100ft)	Turn Rate (*/100ft)
1,	150.00	0.000	0.00	1,150.00	0.00	0.00	0.00	0.00	0,00	0.00
Star	t Build 5	.00								
	200.00	2.500	73.12	1,199.98	0.32	1.04	1.09	5.00	5.00	0.00
1,	300.00	7.500	73.12	1,299.57	2.85	9.38	9.80	5.00	5.00	0.00
4.	400.00	12,500	73.12	1,398,02	7.89	25.99	27.16	5.00	5.00	0.00
	500.00	17.500	73.12	1,494.58	15.40	50.75	53.04	5.00	5.00	0.00
	600.00	22.500	73,12	1,588.52	25.33	83.47	87.23	5.00	5.00	0.00
	700.00	27.500	73.12	1,679.12	37.60	123.90	129.48	5.00	5.00	0.00
	800.00	32,500	73.12	1,765.70	52.12	171.72	179.46	5.00	5.00	0.00
	900.00	37.500	73.12	1,847.59	68.77	226.59	236.60	5.00	5.00	0.00
	000.00	42.500	73.12	1,924.17	87.44	268.08	301.06	5.00	5.00	0.00
	100,00	47.500	73.12	1,994.66	107.97	355.72	371.75	5.00	5.00	0.00
	179.71	51.486	73.12	2,046.62	125.57	413.71	432.34	5.00	5.00	0.00
		hold at 2179.71								
2,	200.00	51.486	73.12	2,059.26	130.18	428.90	448,22	0.00	0.00	0.00
2	300.00	51.486	73,12	2,121.53	152.90	503.77	526.46	0.00	0.00	0.00
	400.00	51.486	73.12	2,183.80	175.63	578.64	604.71	0.00	0.00	0.00
	500.00	51.486	73.12	2,246.07	198.35	653.51	682.95	0.00	0.00	0.00
	600.00	51,486	73.12	2,308.34	221.08	728.39	761.20	0.00	0.00	0.00
	700.00	51,486	73.12	2,370.61	243.80	803.26	839.44	0.00	0.00	0.00
	800.00	51.486	73.12	2,432.88	266.53	878.13	917.69	0.00	0.00	0.00
	900.00	51.486	73.12	2,495.15	289.25	953.00	995.93	0.00	0.00	0.00
	000.00	51.486	73.12	2,557.43	311.97	1,027.88	1,074.18	0.00	0.00	0.00
	100.00	51.486	73.12	2,619.70	334.70	1,102.75	1,152.42	0.00	0,00	0.00
3,	200.00	51.486	73.12	2,681.97	357.42	1,177.62	1,230.67	0.00	0.00	0.00
3,	300.00	51.488	73.12	2,744.24	380.15	1,252.49	1,308.91	0,00	0.00	0.00
3,	400.00	51.486	73.12	2,806.51	402.87	1,327.37	1,387.16	0,00	0.00	0.00
3,	474.66	51.486	73.12	2,853.00	419.84	1,383.27	1,445.58	0.00	0.00	0.00
Was	atch									
	500.00	51.486	73.12	2,888.78	425.60	1,402.24	1,465.40	0.00	0.00	0.00
	600.00	51.486	73.12	2,931.05	448.32	1,477.11	1,543.65	0.00	0.00	0.00
								0.00	0.00	0.00
	700.00	51.486	73.12	2,993.32	471.05	1,551.98	1,621.69	0.00		
	00.008	51.486	73.12	3,055.59	493.77	1,626.86	1,700.14	0.00	0.00	0.00
	00.00	51.486	73.12	3,117.86	516.50	1,701.73	1,778.39	0.00	0.00	0.00 0.00
	00.000	51.486	73.12	3,180.14	539.22	1,776.60	1,856.63	0.00		
4,	100.00	51.486	73.12	3,242.41	561.95	1,851.47	1,934.68	0.00	0.00	0.00
4,	200.00	51.486	73.12	3,304.68	584.67	1,926.35	2,013.12	0.00	0.00	0.00
4,	300.00	51.486	73.12	3,366.95	607.40	2,001.22	2,091.37	0.00	0.00	0.00
4,	400.00	51.486	73.12	3,429.22	630.12	2,076.09	2,169.61	0.00	0.00	0.00
	500.00	51.486	73.12	3,491.49	652.85	2,150.96	2,247.66	0.00	0.00	0.00
4,	600.00	51.486	73.12	3,553.76	675.57	2,225.84	2,326.10	0.00	0.00	0.00
	700.00	51.486	73.12	3,616.03	698.30	2,300.71	2,404.35	0.00	0.00	0.00
10.5	800.00	51.486	73.12	3,678.30	721.02	2,375.58	2,482.59	0.00	0.00	0.00
	900.00	51.486	73.12	3,740.57	743.75	2,450.46	2,560.84	0.00	0.00	0.00
	903.03	51.486	73.12	3,742.46	744.44	2,452.73	2,563.21	0.00	0.00	0.00
			75.12	5,742.40	, -17.77	2,402.73	2,000.21	0.00	0.00	0.00
		50 TFO 180.00	20.40	2 005 00	705.04	0 500 57	9 697 95	0.50	2.50	0.00
5,	000.00	48.092	73.12	3,805.06	765.94	2,523.57	2,637.25	3.50	-3.50	0.00
5,	100.00	44.592	73.12	3,874.08	786.95	2,592.79	2,709.59	3.50	-3.50	0.00
0.00	200.00	41.092	73.12	3,947.39	806.69	2,657.85	2,777.57	3.50	-3.50	0.00
	300.00	37.592	73.12	4,024.72	825.10	2,718.50	2,840.96	3.50	-3.50	0.00
	400.00	34.092	73.12	4,105.77	842.11	2,774.52	2,899.50	3.50	-3.50	0.00
5,	500.00	30.592	73.12	4,190.24	857.64	2,825.71	2,952.99	3.50	-3.50	0.00
	600.00	27,092	73.12	4,277.83	871.65	2,871.86	3,001.23	3,50	-3.50	0.00



Wall:

Wellbore:

### Sharewell Planning Report



Compass VM BII Barrett Corp.

Carbon County, UT [NAD27] Peter's Point 9-36 Pad PPU Fed 6-31D-12-17

Wellbore #1 plan1 29nov10 smw Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well PPU Fed 6-31D-12-17

KB @ 6749.00ft KB @ 6749.00ft

True

Minimum Curvature

Measured   Color   C	ign:	plan1 29nov10	Wins c							
Depth   Inclination   Azimuth   Depth   Hyl\circ   Hy	nned Survey									
Depth   Inclination   Azimuth   Cri   Cr	Measured			Vertical			Vertical	Dogleg	Build	Turn
(ft) (r) (r) (r) (n) (n) (n) (n) (n) (n) (v) (v) (v) (v) (v) (v) (v) (v) (v) (v		(Alleria)	775		411/0	A 2014 SAA	ANGENTAGES.		A CONTRACTOR OF THE PARTY OF TH	LANGER
\$,700.00 23.592 73.12 4,368.19 884.08 2,912.81 3,044.02 3.50 3.50 0.00 5,800.00 20.092 73.12 4,461.00 894.88 2,948.41 3,081.22 3.50 3.50 0.00 6,000.00 16.592 73.12 4,555.90 994.01 2,978.52 3,112.86 3.50 3.50 0.00 6,000.00 13.092 73.12 4,652.55 911.45 3,003.02 3,138.29 3.50 3.50 0.00 6,000.00 13.092 73.12 4,683.00 913.42 3,003.02 3,138.29 3.50 3.50 0.00 6,031.20 12.000 73.12 4,683.00 913.42 3,009.51 3,145.07 3.50 3.50 0.00 6,031.20 12.000 73.12 4,683.00 913.42 3,009.51 3,145.07 3.50 0.00 6,200.00 10.824 73.12 4,849.05 921.81 3,038.42 3,156.57 2.00 2.00 0.00 6,200.00 8.624 73.12 4,849.05 922.18 3,038.42 3,156.57 2.00 2.00 0.00 6,200.00 8.624 73.12 4,849.05 922.18 3,038.42 3,175.28 2.00 2.00 0.00 6,400.00 4.624 73.12 4,849.05 922.18 3,038.42 3,175.28 2.00 2.00 0.00 6,400.00 4.624 73.12 5,047.68 928.69 3,060.49 3,189.35 2.00 2.00 0.00 6,400.00 4.624 73.12 5,447.49 892.69 3,060.49 3,189.35 2.00 2.00 0.00 6,500.00 0.624 73.12 5,247.43 893.55 3,069.25 3,207.50 2.00 2.00 0.00 6,700.00 1.376 253.12 5,347.42 931.36 3,068.62 3,200.56 2.00 2.00 0.00 6,738.49 2.146 253.12 5,347.49 893.55 3,069.25 3,207.50 2.00 2.00 0.00 6,738.49 2.146 253.12 5,347.49 893.05 3,068.69 3,206.85 2.00 2.00 0.00 6,800.00 2.146 253.12 5,347.39 893.05 3,065.29 3,203.36 0.00 0.00 0.00 0.00 0.00 0.146 253.12 5,447.39 893.05 3,065.29 3,203.36 0.00 0.00 0.00 0.00 0.00 0.00 0.00										
\$\frac{5,800.00}{5,800.00}\$ 20.092  73.12  4,461.00  894.88  2,948.41  3,081.22  3,50  3.50  0.00  6,000.00  13.092  73.12  4,652.55  911.45  3,003.02  3,138.29  3.50  3.50  0.00  6,001.00  13.092  73.12  4,652.55  911.45  3,003.02  3,138.29  3.50  3.50  0.00  0.00  6,001.00  13.092  73.12  4,663.00  913.42  3,009.51  3,145.07  3.50  3.50  0.00  0.00  6,200.00  10.824  73.12  4,869.00  917.34  3,009.51  3,145.07  3.50  0.00  6,200.00  6,200.00  6,200.00  6,224  73.12  4,869.00  92.19  3,032.42  3,165.67  2.00  -2.00  0.00  6,200.00  6,624  73.12  4,948.46  926.04  3,051.11  3,188.55  2.00  -2.00  0.00  6,600.00  4.624  73.12  5,147.47  930.73  3,060.49  3,205.10  2.00  2.00  0.00  6,600.00  0.624  73.12  5,147.47  930.73  3,060.49  3,205.60  2,200  2.00  0.00  6,600.00  0.624  73.12  5,147.47  930.73  3,069.54  3,207.50  2.00  -2.00  0.00  6,700.00  1,376  253.12  5,347.42  931.36  3,068.54  3,205.60  2,200  2.00  0.00  6,700.00  2,146  253.12  5,447.42  931.36  3,068.54  3,206.86  2,200  2.00  0.00  6,800.00  2,146  253.12  5,447.30  930.35  3,065.29  3,206.86  2,000  0.00  0.00  6,800.00  2,146  253.12  5,447.30  930.35  3,065.29  3,206.86  2,000  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.	(11)	O	(7)	(ii)	(m)	(ft)	(m)	(710011)	Catoord	(*/100H)
\$\color \begin{array}{c c c c c c c c c c c c c c c c c c c	5,700.00	23.592	73.12	4,368.19	884.08	2,912.81	3,044.02	3.50	-3,50	0.00
6,000.00 13,002 73,12 4,652,55 911,45 3,003,02 3,138,20 3.50 -3.50 0.00 6,031,20 12,000 73,12 4,683,00 913,42 3,009,51 3,145,07 3.50 -3.50 0.00 81nt D12,00 TFO 180,00 North Hom - PPU Fed 8-310 Terget	5,800.00	20.092	73.12	4,461.00	894.88	2,948.41	3,081,22	3.50	-3.50	0.00
6,000.00 13.092 73.12 4,652.55 911.45 3,003.02 3,138.29 3.50 -3.50 0.00 6,031.20 12.000 73.12 4,683.00 913.42 3,009.51 3,145.07 3.50 -3.50 0.00 81.012.20.07 0.00 North Horn-PPU Fed 6-31D Target	5,900,00	16,592	73.12	4.555.90	904.01	2.978.52	3.112.68	3.50	-3.50	0.00
Start DLS 2.00										
Start DLS 2.00 TFO 180.00 - North Hom - PPU Fed 6-31D Target	6.031.30							3.50	-3.50	0.00
8,100,00				0.000.000.000		3,005.31	5,145.07	Q.50	-5.50	0.00
6,200,00         8,624         73,12         4,849,05         922,19         3,038,42         3,175,28         2,00         -2,00         0,00           6,300,00         6,624         73,12         5,047,68         928,69         3,060,49         3,188,35         2,00         -2,00         0,00           6,800,00         2,624         73,12         5,147,47         930,73         3,066,64         3,204,87         2,00         -2,00         0,00           6,800,00         0,624         73,12         5,247,43         931,55         3,068,62         3,204,87         2,00         -2,00         0,00           6,700,00         1,376         253,12         5,347,42         931,36         3,068,62         3,206,85         2,00         2,00         2,00         0,00           6,738,49         2,146         253,12         5,447,29         931,36         3,065,29         3,203,36         0,00         0,00         0,00           6,800,00         2,146         253,12         5,447,29         929,28         3,061,70         3,196,87         0,00         0,00         0,00           7,000,00         2,146         253,12         5,47,29         929,28         3,061,20         3,196,87         0,00 <td></td> <td></td> <td></td> <td></td> <td></td> <td>3 022 42</td> <td>3 158 57</td> <td>2.00</td> <td>-2.00</td> <td>0.00</td>						3 022 42	3 158 57	2.00	-2.00	0.00
6,300.00 6,624 73.12 4,848.18 926.04 3,051.11 3,188.55 2.00 2.00 0.00 6,400.00 4,624 73.12 5,047.68 928.89 3,060.49 3,198.35 2.00 2.00 0.00 6,500.00 2,624 73.12 5,247.43 930.73 3,066.54 3,204.67 2.00 2.00 0.00 6,700.00 1,376 253.12 5,247.43 931.55 3,069.25 3,207.50 2.00 0.75 180.00 6,703.04 2.146 253.12 5,347.42 931.36 3,068.62 3,206.85 2.00 0.75 180.00 6,703.49 2.146 253.12 5,347.42 931.36 3,068.62 3,206.68 2.00 0.75 180.00 8,800.00 2.146 253.12 5,547.89 931.01 3,067.49 3,206.56 2.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0										
6,400.00										
6,500.00 2,624 73.12 5,147.47 930.73 3,066.54 3,204.67 2.00 -2.00 0.00 6,600.00 0.624 73.12 5,247.43 931.55 3,069.25 3,207.50 2.00 -2.00 0.00 6,700.00 1.376 253.12 5,347.42 931.36 3,068.02 3,207.50 2.00 -2.00 0.00 6,738.49 2.146 253.12 5,385.89 931.01 3,067.49 3,206.86 2.00 2.00 0.00 6,738.49 2.146 253.12 5,347.42 88 830.35 3,068.02 3,203.36 0.00 0.00 0.00 0.00 0.00 0.00 0.00										
6,600.00 0.624 73.12 5.247.43 931.55 3.069.25 3.207.50 2.00 -2.00 0.00 6,700.00 1.376 253.12 5,347.42 931.36 3,068.62 3,206.85 2.00 0.75 180.00 0.738.49 2.146 253.12 5,385.89 931.01 3,067.49 3,205.66 2.00 0.00 0.00 0.00 0.00 0.00 0.00 0	6,400.00			5,047.68						
6,700.00 1.376 253.12 5,347.42 931.36 3,068.62 3,206.85 2.00 0.75 180.00 6,738.49 2.146 253.12 5,385.89 931.01 3,067.49 3,205.66 2.00 2.00 0.00 0.00 0.00 0.00 0.00 0	6,500.00	2.624		5,147.47						(8,5,6,6)
6,700.00 1.376 253.12 5,347.42 931.36 3,068.62 3,206.85 2.00 0.75 180.00 6,738.49 2.146 253.12 5,385.89 931.01 3,067.49 3,205.66 2.00 2.00 0.00 0.00 0.00 0.00 0.00 0	6,600.00	0.624	73.12	5,247.43	931.55	3,069.25	3,207.50	2.00	-2.00	0.00
6,738.49 2.146 253.12 5,385.89 931.01 3,067.49 3,206.66 2.00 2.00 0.00  Start 1618.24 hold at 6738.49 MD 6,800.00 2.146 253.12 5,447.36 930.35 3,065.29 3,203.36 0.00 0.00 0.00 6,800.00 2.146 253.12 5,547.29 928.26 3,061.70 3,199.62 0.00 0.00 0.00 7,000.00 2.146 253.12 5,847.22 928.17 3,058.12 3,196.87 0.00 0.00 0.00 7,100.00 2.146 253.12 5,747.15 927.08 3,054.54 3,192.13 0.00 0.00 0.00 7,200.00 2.146 253.12 5,847.08 928.00 3,050.95 3,188.38 0.00 0.00 0.00 7,300.00 2.146 253.12 5,847.01 924.91 3,047.37 3,184.84 0.00 0.00 0.00 7,400.00 2.146 253.12 6,046.94 923.82 3,043.79 3,189.80 0.00 0.00 0.00 7,446.10 2.146 253.12 6,093.00 923.32 3,042.14 3,179.17 0.00 0.00 0.00  Dark Canyon 7,500.00 2.146 253.12 6,146.87 922.73 3,040.21 3,177.15 0.00 0.00 0.00 7,686.25 2.146 253.12 6,346.66 921.65 3,035.62 3,177.15 0.00 0.00 0.00  Price River 7,700.00 2.146 253.12 6,346.66 921.65 3,033.62 3,177.15 0.00 0.00 0.00 7,800.00 2.146 253.12 6,446.66 919.47 3,029.46 3,165.92 0.00 0.00 0,00 0,00 0,00 0,00 0,00 0,00	6,700.00	1.376	253.12	5,347.42	931.36	3,068.62	3,206.85	2.00	0.75	180.00
6,600.00 2.146 253.12 5,447.36 93.05 3,065.29 3,203.36 0.00 0.00 0.00 0.00 6,900.00 2.146 253.12 5,547.29 929.26 3,061.70 3,199.82 0.00 0.00 0.00 0.00 7,000.00 2.146 253.12 5,647.25 928.17 3,058.12 3,195.87 0.00 0.00 0.00 0.00 7,200.00 2.146 253.12 5,747.15 927.08 3,054.54 3,192.13 0.00 0.00 0.00 7,200.00 2.146 253.12 5,847.08 926.00 3,050.95 3,188.38 0.00 0.00 0.00 7,300.00 2.146 253.12 5,947.01 924.91 3,047.37 3,184.84 0.00 0.00 0.00 0.00 7,300.00 2.146 253.12 6,046.94 923.82 3,043.79 3,180.90 0.00 0.00 0.00 0.00 7,440.10 2.146 253.12 8,093.00 923.32 3,042.14 3,179.17 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	. NO. •			1000 - 100 100 100 000 000						0.00
6,600.00 2.146 253.12 5,447.36 930.35 3,065.29 3,203.36 0.00 0.00 0.00 0.00 6,900.00 2.146 253.12 5,547.29 929.26 3,061.70 3,199.62 0.00 0.00 0.00 0.00 7,000.00 2.146 253.12 5,647.125 928.17 3,058.12 3,195.67 0.00 0.00 0.00 0.00 7,200.00 2.146 253.12 5,747.15 927.08 3,054.54 3,192.13 0.00 0.00 0.00 7,200.00 2.146 253.12 5,847.08 926.00 3,050.95 3,188.38 0.00 0.00 0.00 7,300.00 2.146 253.12 5,947.01 924.91 3,047.37 3,184.84 0.00 0.00 0.00 0.00 7,400.00 2.146 253.12 8,046.94 923.82 3,043.79 3,189.90 0.00 0.00 0.00 0.00 7,446.10 2.146 253.12 8,093.00 923.32 3,042.14 3,179.17 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Start 1618.2	4 hold at 6738.4	MD							
7,000.00				5,447.38	930.35	3,065.29	3,203.36	0.00	0.00	0.00
7,000.00	6 800 00	2 146	253.12	5.547.29	929.26	3.061.70	3 199.62	0.00	0.00	0.00
7,100.00         2.146         253.12         5,747.15         927.08         3,054.54         3,192.13         0.00         0.00         0.00           7,200.00         2.146         253.12         5,847.08         926.00         3,050.95         3,188.38         0.00         0.00         0.00           7,300.00         2.146         253.12         5,947.01         924.91         3,047.37         3,184.84         0.00         0.00         0.00           7,400.00         2.146         253.12         6,046.94         923.82         3,043.78         3,180.90         0.00         0.00         0.00           7,446.10         2.146         253.12         6,046.94         923.82         3,042.14         3,177.15         0.00         0.00         0.00           Dark Canyon           7,500.00         2.146         253.12         6,146.87         922.73         3,040.21         3,177.15         0.00         0.00         0.00           7,500.00         2.146         253.12         6,146.80         921.65         3,036.62         3,173.41         0.00         0.00         0.00           Price River           7,700.00         2.146 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
7,200.00         2,146         253.12         5,847.08         926.00         3,050.95         3,188.38         0.00         0.00         0.00           7,300.00         2,146         253.12         5,847.01         924.91         3,047.37         3,184.64         0.00         0.00         0.00           7,400.00         2,146         253.12         8,046.94         923.82         3,043.78         3,180.90         0.00         0.00         0.00           7,404.01         2,146         253.12         6,093.00         923.32         3,042.14         3,179.17         0.00         0.00         0.00           Dark Canyon         7,500.00         2,146         253.12         6,146.87         922.73         3,040.21         3,177.15         0.00         0.00         0.00           7,600.00         2,146         253.12         6,346.80         921.65         3,036.62         3,173.41         0.00         0.00         0.00           Price River         7,700.00         2,146         253.12         6,346.73         920.93         3,034.25         3,170.93         0.00         0.00         0.00           7,800.00         2,146         253.12         6,346.53         918.31         3,033.04										
7,300.00 2.146 253.12 5,947.01 924.91 3,047.37 3,184.64 0.00 0.00 0.00 0.00 7,400.00 2.146 253.12 6,083.00 823.32 3,043.78 3,180.90 0.00 0.00 0.00 0.00 0.00 0.00 0.00				1774 - 125 KIN 1880 MINE		tour a things of the second	The Comment of the Co			
7,400.00 2,146 253.12 6,046.94 923.82 3,043.79 3,180.90 0.00 0.00 0.00 0.00 7,446.10 2.146 253.12 6,093.00 923.32 3,042.14 3,179.17 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0										
7,446,10 2.146 253.12 6,093.00 823.32 3,042.14 3,179.17 0.00 0.00 0.00 0.00  Dark Canyon 7,500.00 2.146 253.12 6,146.87 822.73 3,040.21 3,177.15 0.00 0.00 0.00 0.00 7,600.00 2.146 253.12 6,246.80 921.65 3,036.62 3,173.41 0.00 0.00 0.00 7,666.25 2.146 253.12 6,313.00 820.93 3,034.25 3,170.93 0.00 0.00 0.00  Price River  7,700.00 2.146 253.12 6,346.73 920.58 3,033.04 3,169.86 0.00 0.00 0.00 7,800.00 2.146 253.12 6,446.66 919.47 3,029.46 3,165.92 0.00 0.00 0.00 7,800.00 2.146 253.12 6,546.59 918.39 3,025.87 3,162.17 0.00 0.00 0.00 8,000.00 2.146 253.12 6,646.52 917.30 3,022.28 3,158.43 0.00 0.00 0.00 8,056.52 2,146 253.12 6,646.52 917.30 3,022.28 3,158.43 0.00 0.00 0.00 8,056.52 2,146 253.12 6,703.00 916.68 3,020.26 3,156.31 0.00 0.00 0.00 Price River 6840 Sand  8,100.00 2.146 253.12 6,746.45 916.21 3,016.71 3,154.68 0.00 0.00 0.00 8,106.56 2.146 253.12 6,753.00 916.14 3,016.47 3,154.44 0.00 0.00 0.00  Price River 6840 Base 8,200.00 2.146 253.12 6,846.38 916.12 3,015.12 3,150.94 0.00 0.00 0.00 8,300.00 2.146 253.12 6,846.38 916.12 3,015.12 3,150.94 0.00 0.00 0.00 8,300.00 2.146 253.12 6,846.38 916.12 3,015.12 3,150.94 0.00 0.00 0.00 8,300.00 2.146 253.12 6,846.38 914.04 3,011.54 3,147.20 0.00 0.00 0.00 8,356.73 2.146 253.12 7,003.00 913.42 3,009.51 3,145.07 0.00 0.00	7,300.00	2.146	253.12	5,947.01	924.91	3,047.37	3,184.64	0.00	0.00	0.00
Dark Canyon   7,500.00   2.146   253.12   6,146.87   922.73   3,040.21   3,177.15   0.00   0.00   0.00   0.00   7,600.00   2.146   253.12   6,246.80   921.65   3,036.62   3,173.41   0.00	7,400.00	2.146	253.12	6,046.94	923.82	3,043.79	3,180.90	0.00	0.00	0.00
7,500,00 2.146 253.12 6,146.87 922.73 3,040.21 3,177.15 0.00 0.00 0.00 7,600.00 2.146 253.12 6,246.80 921.65 3,036.62 3,173.41 0.00 0.00 0.00 7,666.25 2.146 253.12 6,313.00 920.93 3,034.25 3,170.93 0.00 0.00 0.00 0.00 Price River  7,700.00 2.146 253.12 6,346.73 920.56 3,033.04 3,169.66 0.00 0.00 0.00 0.00 7,600.00 2.146 253.12 6,446.66 919.47 3,029.46 3,165.92 0.00 0.00 0.00 0.00 7,600.00 2.146 253.12 6,546.59 918.39 3,025.87 3,162.17 0.00 0.00 0.00 0.00 6,000.00 2.146 253.12 6,646.52 917.30 3,022.28 3,158.43 0.00 0.00 0.00 0.00 8,056.52 2.146 253.12 6,703.00 916.68 3,020.26 3,156.31 0.00 0.00 0.00 0.00 Price River 6840' Sand  8,100.00 2.146 253.12 6,746.45 916.21 3,018.71 3,154.68 0.00 0.00 0.00 0.00 Price River 6840' Base 6,200.00 2.146 253.12 6,753.00 916.14 3,018.47 3,154.44 0.00 0.00 0.00 0.00 0.00 Price River 6840' Base 6,200.00 2.146 253.12 6,846.38 915.12 3,015.12 3,150.94 0.00 0.00 0.00 0.00 0.00 0.00 0.00	7,446.10	2.146	253.12	6,093.00	823.32	3,042.14	3,179.17	0.00	0.00	0.00
7,600.00 2.146 253.12 6,246.80 921.85 3,036.62 3,173.41 0.00 0.00 0.00 0.00 7,686.25 2.146 253.12 6,313.00 820.93 3,034.25 3,170.93 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Dark Canyo	n								
7,600.00 2.146 253.12 6,246.80 921.85 3,036.62 3,173.41 0.00 0.00 0.00 7,866.25 2.146 253.12 6,313.00 820.93 3,034.25 3,170.93 0.00 0.00 0.00 0.00 Price River  7,700.00 2.146 253.12 6,346.73 920.56 3,033.04 3,169.86 0.00 0.00 0.00 0.00 7,800.00 2.146 253.12 6,446.66 919.47 3,029.46 3,165.92 0.00 0.00 0.00 0.00 7,800.00 2.146 253.12 6,546.59 918.39 3,025.87 3,162.17 0.00 0.00 0.00 0.00 6,000.00 2.146 253.12 6,646.52 917.30 3,022.29 3,158.43 0.00 0.00 0.00 0.00 8,056.52 2.146 253.12 6,703.00 916.68 3,020.26 3,156.31 0.00 0.00 0.00 0.00 Price River 6840' Sand  8,100.00 2.146 253.12 6,746.45 916.21 3,016.71 3,154.68 0.00 0.00 0.00 0.00 8,106.56 2.146 253.12 6,753.00 918.14 3,018.47 3,154.44 0.00 0.00 0.00 0.00 Price River 6840' Base 8,200.00 2.146 253.12 6,846.38 916.12 3,015.12 3,150.94 0.00 0.00 0.00 6,300.00 2.146 253.12 6,846.38 915.12 3,015.12 3,150.94 0.00 0.00 0.00 6,300.00 2.146 253.12 6,946.31 914.04 3,011.54 3,147.20 0.00 0.00 0.00 0.00 6,356.73 2.146 253.12 7,003.00 813.42 3,009.51 3,145.07 0.00 0.00 0.00 0.00	7.500.00	2.146	253.12	6,146.87	922.73	3,040.21	3,177.15	0.00	0.00	0.00
7,686.25 2.146 253.12 6,313.00 820.93 3,034.25 3,170.93 0.00 0.00 0.00  Price River  7,700.00 2.146 253.12 6,346.73 920.56 3,033.04 3,169.68 0.00 0.00 0.00  7,800.00 2.146 253.12 6,446.66 919.47 3,029.46 3,165.92 0.00 0.00 0.00  7,900.00 2.146 253.12 6,546.59 918.39 3,025.87 3,162.17 0.00 0.00 0.00  8,000.00 2.146 253.12 6,646.52 917.30 3,022.29 3,158.43 0.00 0.00 0.00  8,056.52 2.146 253.12 6,703.00 916.68 3,020.26 3,156.31 0.00 0.00  Price River 6840' Sand  8,100.00 2.146 253.12 6,746.45 916.21 3,018.71 3,154.68 0.00 0.00 0.00  8,106.56 2.146 253.12 6,753.00 916.14 3,018.71 3,154.68 0.00 0.00 0.00  Price River 6840' Base  8,200.00 2.146 253.12 6,846.38 916.12 3,015.12 3,150.94 0.00 0.00 0.00  8,300.00 2.146 253.12 6,946.31 914.04 3,011.54 3,147.20 0.00 0.00 0.00  8,356.73 2.146 253.12 7,003.00 813.42 3,009.51 3,145.07 0.00 0.00				CHOICE TO HOUSE						
Price River  7,700.00										
7,700.00 2.146 253.12 6,346.73 920.56 3,033.04 3,169.66 0.00 0.00 0.00 7,800.00 2.146 253.12 6,446.66 919.47 3,029.46 3,165.92 0.00 0.00 0.00 7,800.00 2.146 253.12 6,546.59 918.39 3,025.87 3,162.17 0.00 0.00 0.00 6,000.00 2.146 253.12 6,646.52 917.30 3,022.29 3,158.43 0.00 0.00 0.00 0.00 8,056.52 2.146 253.12 6,703.00 916.68 3,020.26 3,156.31 0.00 0.00 0.00 0.00 Price River 6840' Sand  8,100.00 2.146 253.12 6,746.45 916.21 3,018.71 3,154.68 0.00 0.00 0.00 0.00 8,106.56 2.146 253.12 6,753.00 916.14 3,018.47 3,154.44 0.00 0.00 0.00 0.00 0.00 0.00 0.00				•		100 A 00000 X000 - X00		Department of the Control of the Con	400-000-000	
7,800,00 2,146 253,12 6,446,66 918,47 3,029,46 3,165,92 0.00 0.00 0.00 7,900,00 2,146 253,12 6,546,59 918,39 3,025,87 3,162,17 0.00 0.00 0.00 6,000,00 2,146 253,12 6,646,52 917,30 3,022,29 3,158,43 0.00 0.00 0.00 6,056,52 2,146 253,12 6,703,00 916,68 3,020,26 3,156,31 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.		0.440	050.40	0 240 70	000 50	9 000 04	2 460 00	^ ^	0.00	0.00
7,900.00 2.146 253.12 6,546.59 918.39 3,025.87 3,162.17 0.00 0.00 0.00 6,000.00 2.146 253.12 6,646.52 917.30 3,022.29 3,158.43 0.00 0.00 0.00 6,056.52 2.146 253.12 6,703.00 916.68 3,020.26 3,156.31 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0										
6,000.00 2.146 253.12 6,646.52 917.30 3,022.29 3,158.43 0.00 0.00 0.00 0.00 8,056.52 2.146 253.12 6,703.00 916.68 3,020.26 3,156.31 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0										
8,100.00 2.146 253.12 6,763.00 916.68 3,020.26 3,156.31 0.00 0.00 0.00  Price River 6840' Sand  8,100.00 2.146 253.12 6,746.45 916.21 3,018.71 3,154.68 0.00 0.00 0.00  8,106.56 2.146 253.12 6,753.00 916.14 3,018.47 3,154.44 0.00 0.00 0.00  Price River 6840' Base  8,200.00 2.146 253.12 6,846.38 915.12 3,015.12 3,150.94 0.00 0.00  8,300.00 2.146 253.12 6,946.31 914.04 3,011.54 3,147.20 0.00 0.00  8,356.73 2.146 253.12 7,003.00 913.42 3,009.51 3,145.07 0.00 0.00										
Price River 6840' Sand         8,100.00       2.146       253.12       6,746.45       916.21       3,018.71       3,154.68       0.00       0.00       0.00         8,106.56       2.146       253.12       6,753.00       916.14       3,018.47       3,154.44       0.00       0.00       0.00         Price River 6840' Base         8,200.00       2.146       253.12       6,846.38       916.12       3,015.12       3,150.94       0.00       0.00       0.00         8,300.00       2.146       253.12       6,946.31       914.04       3,011.54       3,147.20       0.00       0.00       0.00         8,356.73       2.146       253.12       7,003.00       813.42       3,009.51       3,145.07       0.00       0.00       0.00				20.500 Ltd. 100 1000				0.00		
8,100.00       2.146       253.12       6,746.45       916.21       3,018.71       3,154.68       0.00       0.00       0.00         8,106.56       2.146       253.12       6,753.00       916.14       3,018.47       3,154.44       0.00       0.00       0.00         Price River 6840' Base         8,200.00       2.146       253.12       6,846.38       916.12       3,015.12       3,150.94       0.00       0.00       0.00         8,300.00       2.146       253.12       6,946.31       914.04       3,011.54       3,147.20       0.00       0.00       0.00         8,356.73       2.146       253.12       7,003.00       813.42       3,009.51       3,145.07       0.00       0.00       0.00	8,056.52	2.146	253.12	6,703.00	916.68	3,020.26	3,156.31	0.00	0.00	0.00
8,106.56       2.146       253.12       6,753.00       916.14       3,018.47       3,154.44       0.00       0.00       0.00         Price River 6840' Base         8,200.00       2.146       253.12       6,846.38       915.12       3,015.12       3,150.94       0.00       0.00       0.00         8,300.00       2.146       253.12       6,946.31       914.04       3,011.54       3,147.20       0.00       0.00       0.00         8,356.73       2.146       253.12       7,003.00       913.42       3,009.51       3,145.07       0.00       0.00       0.00	Price River	6840' Sand								
8,106.56     2.146     253.12     6,753.00     916.14     3,016.47     3,154.44     0.00     0.00     0.00       Price River 6840' Base       8,200.00     2.146     253.12     6,846.38     915.12     3,015.12     3,150.94     0.00     0.00     0.00       8,300.00     2.146     253.12     6,946.31     914.04     3,011.54     3,147.20     0.00     0.00     0.00       8,356.73     2.146     253.12     7,003.00     913.42     3,009.51     3,145.07     0.00     0.00     0.00	8 100 00	2 146	253 12	6.746.45	916.21	3,018.71	3,154.68	0.00	0.00	0.00
Price River 6840' Base         8,200.00         2.146         253.12         6,846.38         815.12         3,015.12         3,150.94         0.00         0.00         0.00           8,300.00         2.146         253.12         6,946.31         914.04         3,011.54         3,147.20         0.00         0.00         0.00           8,356.73         2.146         253.12         7,003.00         913.42         3,009.51         3,145.07         0.00         0.00         0.00										
8,200.00     2.146     253.12     6,846.38     915.12     3,015.12     3,150.94     0.00     0.00     0.00       8,300.00     2.146     253.12     6,946.31     914.04     3,011.54     3,147.20     0.00     0.00     0.00       8,356.73     2.146     253.12     7,003.00     913.42     3,009.51     3,145.07     0.00     0.00     0.00						-1-21				
8,300.00     2,146     253.12     6,946.31     914.04     3,011.54     3,147.20     0.00     0.00     0.00       8,356.73     2,146     253.12     7,003.00     913.42     3,009.51     3,145.07     0.00     0.00     0.00			253.12	6.846.38	815.12	3.015.12	3.150.94	0.00	0.00	0.00
6,356.73     2.146     253.12     7,003.00     813.42     3,009.51     3,145.07     0.00     0.00	COCK # 10 TO FOR COCK PARTY OF THE PARTY OF									
FEMALES SEE AND SECURITY OF SE										
			200.12	1,000.00	O I WATE	0,000.01	9,140.01	0.00	0.00	0.00



### Sharewell Planning Report



Database: Company: Project:

Site:

Well:

Compass VM Bill Barrett Corp.

Carbon County, UT (NAD27) Peler's Point 9-36 Pad PPU Fed 6-31D-12-17

Wellbore: Wellbore #1
Design: plan1 29nov10 smw

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well PPU Fed 6-31D-12-17

KB @ 6749.00ft KB @ 6749.00ft

True

Minimum Curvature

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle	Dip Dir. (*)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PPU Fed 8-31D Target - plan hits target cen - Circle (radius 100.0		0.00	4,683.00	913.42	3,009.51	512,769.37	2,406,138.06	39° 43' 55.79 N	110° 3' 20.91 W
PPU Fed 6-31D PBHL - plan hits target cen - Point	0.000 nter	0.00	7,003.00	913.42	3,009.51	512,769.37	2,406,138.06	39* 43' 55.79 N	110° 3' 20,91 W

Casing Points							
	Measured Depth (ft)	Vertical Depth (ft)		Name	Casing Diameter (ft)	Hole Diameter (ft)	
	1,000.00	1,000.00	9 5/8"		0.80	1,02	

Measured Depth (ft)	Vertical Depth (ft)	Namo	Lithology	Dip (*)	Dip Direction (*)
3,474.66	2,853.00	Wasatch		0.00	
6,031.20	4,683.00	North Horn		0.00	
7,446.10	6,093.00	Dark Canyon		0.00	
7,666.25	6,313.00	Price River		0.00	
8,056.52	6,703.00	Price River 6840' Sand		0.00	
8,106.56	6,753.00	Price River 6840' Base		0.00	

lan Annotations					
Measure	d Vertical	Local Coor	dinates		
Depth	Depth	+N/-S	+E/-W		
(n)	(ft)	(ft)	(ft)	Comment	
1,150.	00 1,150.00	0.00	0.00	Start Bulld 5.00	
2,179.	71 2,046.62	125.57	413.71	Start 2723.32 hold at 2179.71 MD	
4,903.	03 3,742.46	744.44	2,452.73	Start DLS 3,50 TFO 180,00	
6,031.	20 4,683.00	913.42	3,009.51	Start DLS 2.00 TFO 180.00	
6,738.	49 5,385.89	931.01	3,067.49	Start 1618.24 hold at 6738.49 MD	
8,356.	7,003.00	913.42	3,009.51	TD at 8356.73	

## APIWellNo:43007501160000'

### SURFACE USE PLAN

### BILL BARRETT CORPORATION Peter's Point 9-36 Pad SUP Carbon County, UT

	Peter's Point Unit Federal 9X-36D-12-16	Peter's Point Unit Federal 6-31D-12-17
	NESE, 2386' FSL, 1084' FEL, Sec. 36, T12S-R16E (surface hole)	NESE, 2401' FSL, 1077' FEL, Sec. 36, T12S-R16E (surface hole)
	NESE, 1573' FSL, 721' FEL, Sec. 36, T12S-R16E (bottom hole)	SENW, 1959' FNL, 1939' FWL, Sec. 31, T12S-R17E (bottom hole)
١	Peter's Point Unit Federal 5-31D-12-17	Peter's Point Unit Federal 1-36D-12-16
1	NESE, 2430' FSL, 1063' FEL, Sec. 36, T12S-R16E (surface hole)	NESE, 2452' FSL, 1053' FEL, Sec. 36, T12S-R16E (surface hole)
	SWNW, 1969' FNL, 668' FWL, Sec. 31, T12S-R17E (bottom hole)	NENE, <b>636'</b> FNL, 638' FEL, Sec. 36, T12S-R16E (bottom hole)

This is an existing pad that would be expanded to allow for thirteen directional wells to be drilled (four Phase 1, nine Phase 2). Onsites for this pad occurred in December 2009 and again on July 29, 2010 to review pad changes.

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

### 1. Existing Roads:

- a. The proposed pad is located approximately 53 miles from Myton, Utah. Maps reflecting directions to the proposed pad are included (see Topographic maps A and B).
- An access road, approximately 2163-ft in length, exists to this pad.
- c. The use of roads under State and County Road Department maintenance is necessary to access the Peter's Point Unit. However, an encroachment permit is not anticipated as there are no upgrades to the State or County road systems proposed at this time.
- No topsoil stripping would occur as there are no improvements proposed to existing State, County or main BLM access roads.
- e. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a scraper and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- f. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.
- g. To address safety-related traffic concerns, drivers and rig crews would be advised of the hazards to recreational traffic along the existing and proposed access roads, as well as hazards present due to blind corners, cars parked on the road, pedestrian traffic, and mountain bikers. In addition, appropriate signs would be erected to warn non-project personnel about traffic hazards associated with project-related activities and during times of rig moves, when there is heavy equipment, traffic may be controlled on sections of roads. Traffic would be controlled using roadside signs, flagmen, and barricades as appropriate.
- Dust suppression and monitoring would be implemented where necessary and as prescribed by the BLM.
- An off-lease federal right-of-way for the access road and utility corridor is not anticipated at this
  time since existing roads are being utilized into the Peter's Point Unit area. All new construction
  would be within the Unit.

### 2. Planned Access Road:

See 1.b. under Existing Roads.

### 3. Location of Existing Wells (see One-Mile Radius Map):

 Following is a list of wells with surface hole locations within a one-mile radius of the proposed pad;

i.	water wells	none
ii.	injection wells	none
iii.	disposal wells	none
iv.	drilling wells	none
$\mathbf{v}_{\iota}$	temp shut-in wells	none
vi.	producing wells	thirty-two
vii.	abandoned wells	three

### 4. Location of Production Facilities:

- a. As this is an existing pad, five 400-bbl tanks exist in addition to four separators, flowlines and a combustor. Each proposed new well would have its own meter run and separator. Proposed new wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches. All new wellheads associated with the drilling operations for this pad would be contained in the same trench measuring approximately 12 ft wide, 10 ft deep, and 96 ft long (# wells x 8 ft + 16 ft for two end pieces). Drawings of below ground cellars can be provided by BBC upon request.
- b. The existing tanks would be removed from the pad and up to six 300-bbl low profile tanks would be installed for production from existing and new wells. As all of the new proposed wells for this pad and the existing wells on the pad are within the Peter's Point unit and within the participating area, tanks would be shared among the wells. Proposed facilities are indicated on the enclosed Interim Reclamation Diagram (Figure 4).
- c. The existing tank battery would be moved in order to expand the pad. The new tank battery would be surrounded by a secondary containment berm of sufficient capacity to contain the 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the tank battery or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil. BBC requests permission to install the necessary production/operation facilities with this application.
- d. Most wells would be fitted with plunger lift systems to assist liquid production. However, pump jacks may be used if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks would be small (50 horsepower or less), natural gas-fired internal combustion engines.
- e. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3 and any variances would be included with this submittal or submitted via sundry notice.
- f. A 27-st, 48-inch combustor exists at this location.

- g. A 6-inch surface-laid gas gathering line, approximately 2000-ft in length, exists on this pad and ties in to the main line. However, approximately 750-ft of this existing line would be re-routed along the south and east side of the pad to allow for the proposed new disturbance. This re-routed pipeline would also be located on the surface.
- h. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.
- i. To limit erosion potential, backfill over pipeline trenches would be compacted so as not to extend above the original ground level after the fill has settled. Wheel or other methods of compacting backfill would be utilized as practicably feasible to reduce trench settling and water channeling.
- j. Al! permanent above-ground structures would be painted a flat, non-reflective Olive Black to match the standard environmental colors. These structures would be painted the designated color at the time of installation or within 6 months of being located on site. Facilities that are required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any changes to facilities proposed within this surface use plan would be depicted on the site security diagram submitted.
- j. The site would require periodic maintenance to ensure that drainages are kept open and free of debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

### 5. Location and Type of Water Supply:

a. Bill Barrett Corporation would use water consistent with approvals granted by the Utah State Engineer's Office under:

Application Number 90-1863, expires June 6, 2011
Application Number 90-1864, expires September 7, 2011
Application Number 90-4, expires December 31, 2015
Application Number 90-1861, expires May 11, 2011
Application Number 90-1866, expires December 21, 2020

- b. Water use for this location would most likely be diverted from Nine Mile Creek, the S¼ of Section 8, T12S-R16E or from a water well located in the N¼ of State Section 32-T12S-R16E. For either of these sources, bobtail trucks would haul the water, traveling Cottonwood Canyon dugway to Peter's Point road.
- c. Water use would vary in accordance with the formations to be drilled but would average approximately 1 acre-foot (7,758 barrels) during drilling operations and 1 acre-foot (7,758 barrels) during completion operations.

### 6. Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be taken out of the Peter's Point Unit.
- c. If any additional gravel is required, it would be obtained from SITLA materials permits, federal BBC locations within the Peter's Point unit or from private sources.

### 7. Methods of Handling Waste Disposal:

 All wastes associated with this application would be contained and disposed of utilizing approved facilities.

### Closed Loop Drilling System

- b. BBC intends to employ a closed loop drilling system in which drilling fluids and cuttings would be thoroughly processed such that the separated cuttings are relatively dry. The cuttings would be stored on location in either secured piles or in a 350 ft x 55 ft cuttings trench (indicated as reserve pit/cuttings trench on Figure 1 located outboard of the location along the west side of the pad).
- c. The cuttings trench would not be lined. Three sides of the trench would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until cuttings trench has been reclaimed.
- d. Upon completion of drilling, the cuttings would be tested and further processed as necessary to meet standards for burial on site or other BLM approved uses such as a media for road surfacing or growing media for reclamation.

### Conventional or Semi-Closed Loop Drilling System

- e. In the event closed loop drilling is not employed, a conventional or semi-closed loop system would be used where a small amount of fluid is retained in the cuttings and the cuttings are placed in the reserve pit. The reserve pit would also store water to make up losses and store any excess drilling fluids. Reserve pits would be constructed with an impermeable liner so as to prevent releases. The pit liner would overlap the pit walls and be anchored with soil and/or rocks to hold it in place. No trash, scrap pipe, etc. that could puncture the liner would be disposed of in the pit and a minimum of 2 ft of freeboard would be maintained in the pit at all times. Reserve pits would be constructed and maintained according to BLM or UDOGM requirements as appropriate.
- f. Three sides of the reserve pit would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until the pit is dry.
- g. Any hydrocarbons floating on the surface of the reserve pit would be removed as soon as possible after drilling and completion operations are finished. In some cases, the reserve pit may be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

### Completion Pit

h. Where closed loop drilling is employed, the cuttings trench disturbed area would typically also be used to store water for completion activities. The completion pit would be constructed with an impermeable liner to prevent releases and would be fenced and constructed and maintained according to BLM or UDOGM requirements.

### Other

- i. Produced fluids from the wells other than water would be decanted into steel test tanks until such time as construction of production facilities is completed. Produced water may be used in further drilling and completion activities, disposed of in one of two permitted SWD wells, evaporated in the pit or would be hauled to a state approved disposal facility.
- j. After initial clean-up and based on volumes, BBC would install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater would be confined to tanks within the CTB for a period not to exceed ninety (90) days. Thereafter, produced water would be used in further drilling and completion activities or hauled to a State approved disposal facility.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.

- Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- m. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO<sub>2</sub> gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- n. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Carbon, Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.
- o. Sanitary waste equipment and trash bins would be removed from the WTP Project Area upon completion of access road or pipeline construction; following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.
- p. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the West Tavaputs Project area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is possible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.
- q. Flare lines would be directed so as to avoid damage to surrounding vegetation, adjacent rock faces, or other resources, and as required by regulations. Flare lines would be in place on all well locations. In the event it becomes necessary to flare a well, a deflector and/or directional orifice would also be used to safeguard both personnel and adjacent natural rock faces.

### 8. Ancillary Facilities:

- a. Garbage containers and portable toilets would be located on the well pad.
- BLM approved and permitted storage yards for tubulars and other equipment and temporary housing areas would be utilized
- c. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. Active drilling locations could include up to five single wide mobile homes or fifth wheel campers/trailers.

### 9. Well Site Layout:

- a. Each well would be properly identified in accordance with 43 CFR 3162.6
- b. The pad has been staked at its maximum size of 484 ft x 255 ft with a 350 ft x 55 ft cuttings trench/reserve pit/completion pit outboard of the pad. The location layout and cross section diagrams are enclosed.
- c. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- d. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches.
- e. The cuttings trench or reserve pit would be fenced on three sides during drilling and on the fourth side immediately after the removal of the drilling rig. In the event closed loop drilling is employed, the cuttings trench would be removed or stockpiled on one edge of the trench and the area would be used for a completion pit during completion operations.
- f. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- h. Construction of the well pad would take from 1 to 3 weeks depending on the features at the particular site.
- i. Dust suppression may be implemented if necessary to minimize the amount of fugitive dust.

### 10. Plan for Restoration of the Surface:

### Interim Reclamation (see Figure 4)

- a. Portions of the disturbed area within a construction ROW or portions of well pads not needed for production would be reclaimed according to specifications of the BLM as appropriate.
- b. Prior to interim reclamation activities, all solid wastes and refuse would be removed and placed at approved landfills. The portions of the well pad or access and pipeline corridor not needed for production would be re-contoured to promote proper drainage, salvaged topsoil would be replaced, and side slopes would be ripped and disked on the contour. Following site preparation, reseeding would be completed during either the spring or fall planting season, when weather conditions are most favorable. Seed mixtures for reclaimed areas would be site-specific and would require approval by the BLM. BBC would apply and meet BLM's Green River District Reclamation Standards, where practicable.
- c. The operator would control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

Bill Barrett Corporation Surface Use Plan Peter's Point 9-36 Pad Carbon County, Utah

- d. Following interim reclamation, access roads (including roads co-located with pipeline) would be reduced to approximately 30 feet of disturbance. Roads leading to well sites that would not have surface production equipment would be designed and reclaimed in a way that minimizes impacts to the visual character of the host lands.
- e. Weather permitting, earthwork for interim reclamation would be completed within 6 months of completion of the final well on the pad or plugging and would continue until satisfactory revegetation cover is established. Inter-seeding (i.e. seeding into existing vegetation), secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provisions would be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures would occur on areas where initial reclamation efforts are unsuccessful, as determined by the BLM or the appropriate surface management agency.

### Dry Hole/Final Reclamation

- f. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc. would be expediently reclaimed and reseeded in accordance with the reclamation plan and any pertinent site-specific COAs.
- g. When a well is to be plugged and abandoned, BBC would submit a Notice of Intent to Abandon (NOA) to the BLM or UDOGM as appropriate. The BLM or UDOGM would then attach the appropriate surface rehabilitation COAs for the well pad, and as appropriate, for the associated access road, pipeline, and ancillary facilities. During plugging and abandonment, all structures and equipment would be removed from the well pad. Backfilling, leveling, and re-contouring would then be performed according to the BLM or UDOGM order.
- h. Any mulch used by BBC would be weed-free and free from mold, fungi, or noxious weeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting or rock.
- i. BBC would reshape disturbed channel beds to their approximate original configuration.
- j. Reclamation of abandoned roads may include re-shaping, re-contouring, re-surfacing with topsoil, installation of water bars, and seeding on the contours. Road beds, well pads, and other compacted areas would be ripped to a depth of approximately 1 foot on 1.5 foot centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation would be spread over the disturbance area for nutrient recycling, where practical. Additional erosion control measures (e.g. fiber matting) and road barriers to discourage travel may be constructed if appropriate. Graveled roads, well pads, and other sites would be stripped of usable gravel prior to ripping as deemed necessary. Culverts, cattleguards, and signs would be removed as roads are abandoned.

### 11. Surface and Mineral Ownership:

- Surface ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.
- Mineral ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.

### 12. Other Information:

- Montgomery Archaeological Consultants conducted cultural resource inventories for this location under MOAC 04-215 dated September 3, 2004 and MOAC 09-189 dated November 29, 2009.
- BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.

Bill Barrett Corporation Surface Use Plan Peter's Point 9-36 Pad Carbon County, Utah

- c. Project personnel and contractors would be educated on and subject to the following requirements:
  - No dogs within the WTP Project Area;
  - · No firearms within the WTP Project Area;
  - No littering within the WTP Project Area:
  - Smoking within the WTP Project Area would only be allowed in off-operator active
    locations or in specifically designated smoking areas. All cigarette butts would be placed in
    appropriate containers and not thrown on the ground or out windows of vehicles; personnel
    and contractors would abide by all fire restriction orders;
  - Campfires or uncontained fires of any kind would be prohibited within the WTP Project Area;
  - Portable generators used in the WTP Project Area would have spark arrestors.
- d. All proposed surface disturbances are within the Peter's Point unit on leases UTU-0681 and UTU-04049. Total existing disturbance is 3.191 acres. Total new disturbances for this proposal are:

Approximate NEW Acreage Disturbances						
	Pad	Pipeline Re-	Total			
		Route				
Short-Term	3.261	0.69	3.951			
Long-Term	0.745	0.03	0.775			

# APIWellNo:43007501160000'

### **OPERATOR CERTIFICATION**

### Certification:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

Executed this
Name:

Name:

Position Title:

Address:

1099 18th Street, Suite 2300, Denver, CO 80202

Telephone:

303-312-8134

Field Representative

Brandon Murdock

Address:

1820 W. Hwy 40, Roosevelt, UT 84066

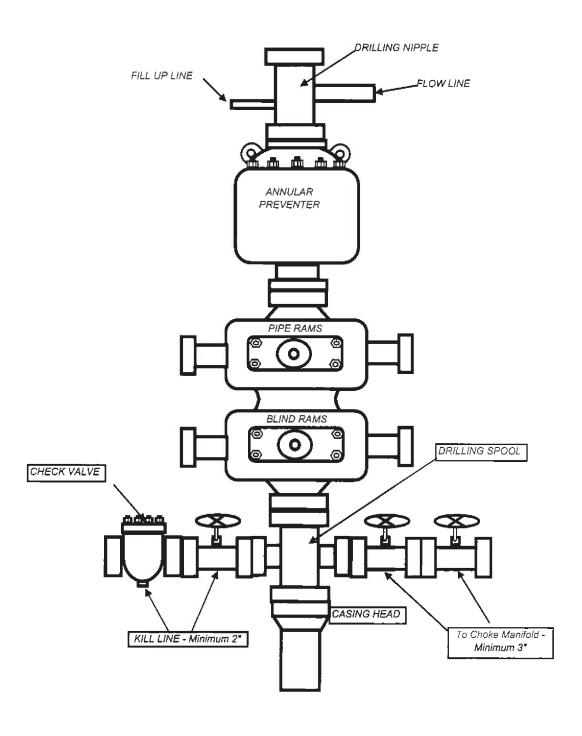
Telephone: 435-724-5252
E-mail: bmurdock@billhamettcorp.com

Tracey Fallang, Regulatory Manager

# 'APIWellNo:43007501160000'

# **BILL BARRETT CORPORATION**

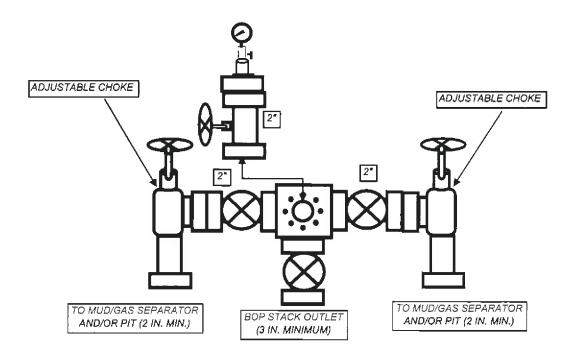
## TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



# 'APIWellNo:43007501160000'

# **BILL BARRETT CORPORATION**

## TYPICAL 3,000 p.s.i. CHOKE MANIFOLD





January 11, 2011

Ms. Diana Mason State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Directional Drilling R649-3-11

Peters Point Unit Federal #6-31D-12-17

SHL: 2401' FSL & 1077' FEL NESE 36-T12S-R16E BHL: 1959' FNL & 1939' FWL SENW 31-T12S-R17E

Carbon County, Utah

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Peters Point Unit Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area:
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8513.

Sincerely,

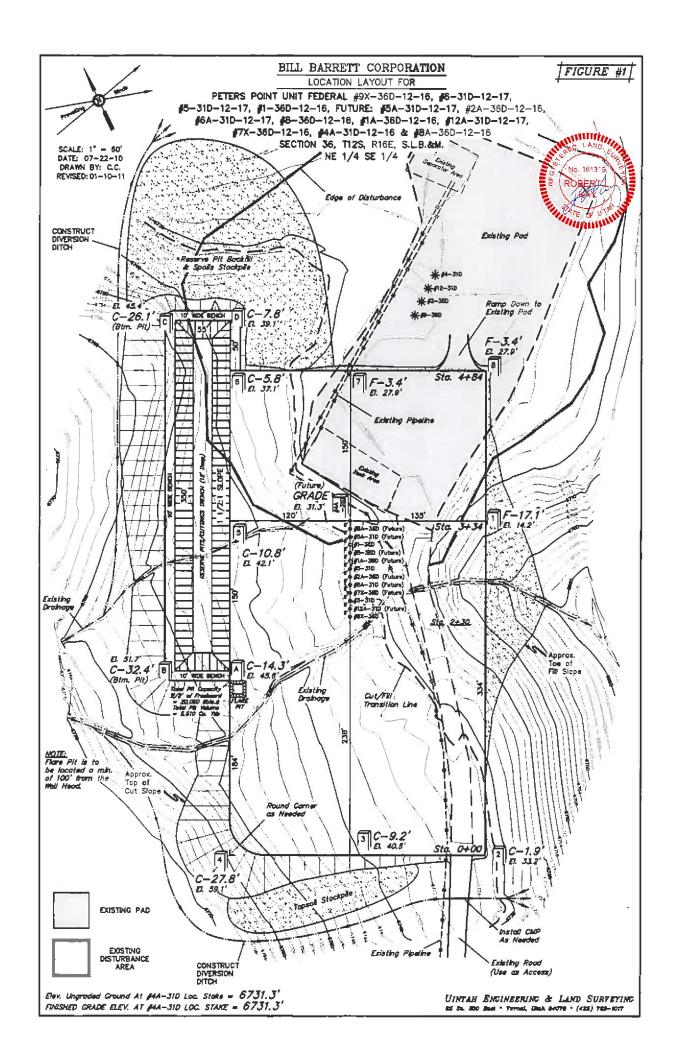
Landman

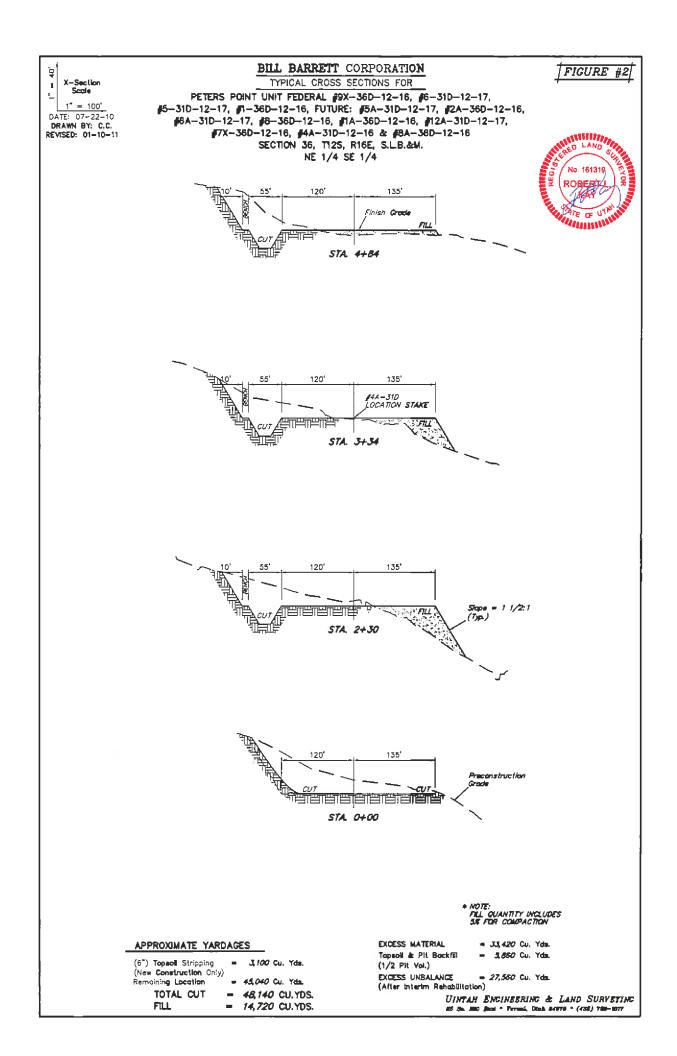
1099 18TH STREET SUITE 2300

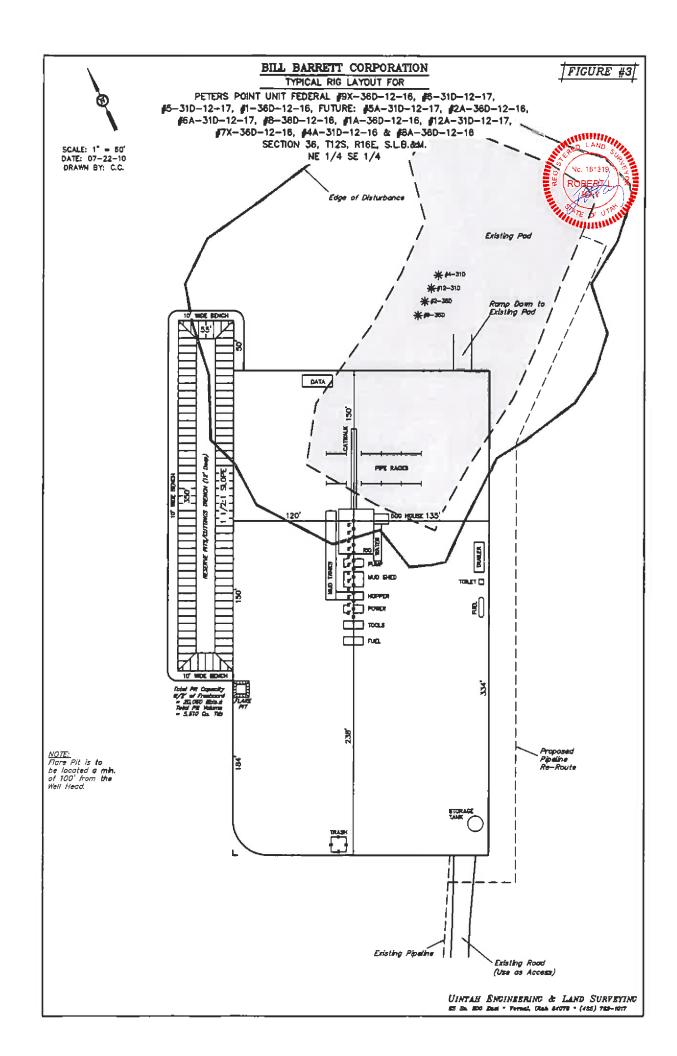
DENVER, CO 80202

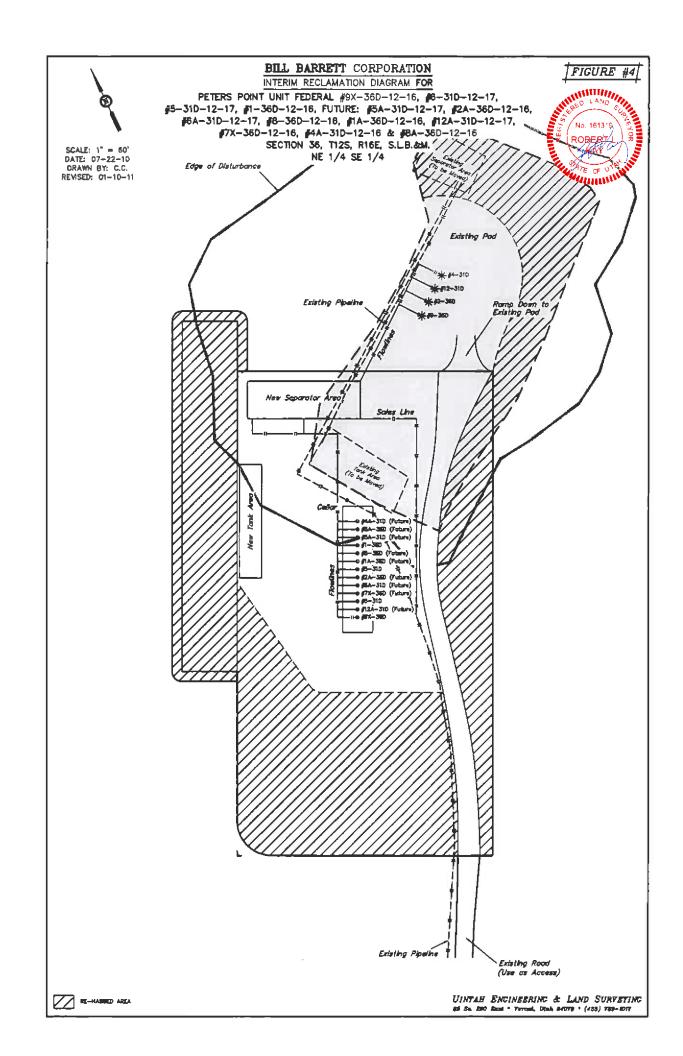
P 303.293.9100

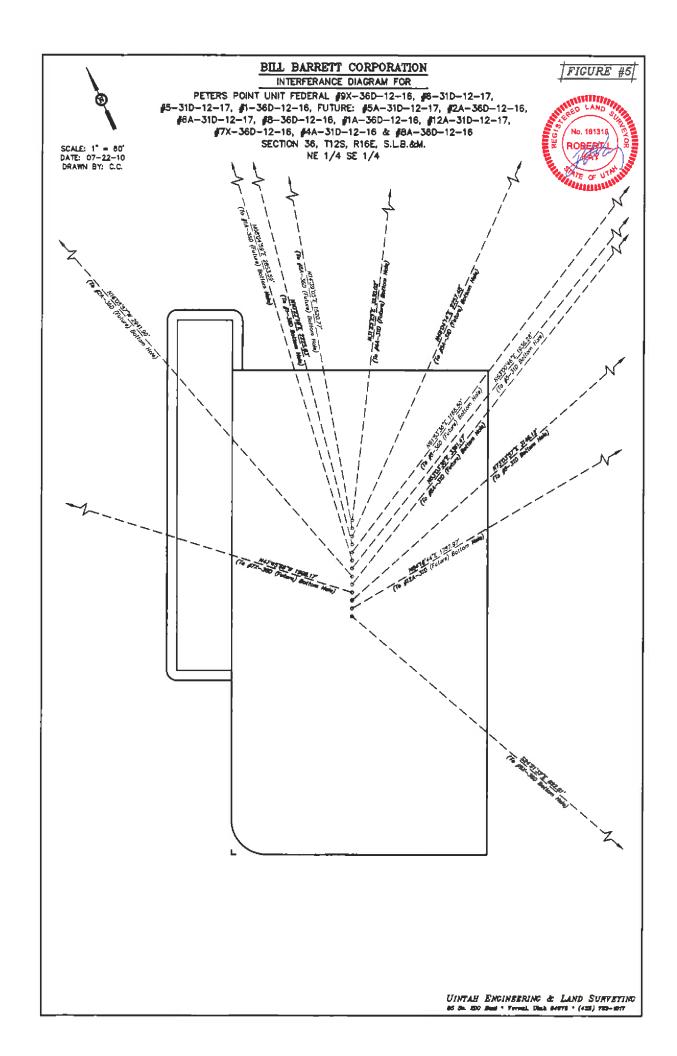
F 303.291.0420











# **United States Department of the Interior**

### BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

January 19, 2011

Memorandum

To: Associate Field Office Manager,

Price Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Peter's Point Unit

Carbon County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Peter's Point Unit, Carbon County, Utah.

API# WELL NAME LOCATION

(Proposed PZ Wasatch-Mesa Verde)

43-007-50109 P Point Fed 5-31D-12-17 Sec 36 T12S R16E 2430 FSL 1063 FEL BHL Sec 31 T12S R17E 1969 FNL 0668 FWL

43-007-50116 P Point Fed 6-31D-12-17 Sec 36 T12S R16E 2401 FSL 1077 FEL

BHL Sec 31 T12S R17E 1959 FNL 1939 FWL

43-007-50117 P Point Fed 9X-36D-12-16 Sec 36 T12S R16E 2386 FSL 1084 FEL BHL Sec 36 T12S R16E 1573 FSL 0721 FEL

43-007-50118 P Point Fed 1-36D-12-16 Sec 36 T12S R16E 2452 FSL 1053 FEL BHL Sec 36 T12S R16E 0636 FNL 0638 FEL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

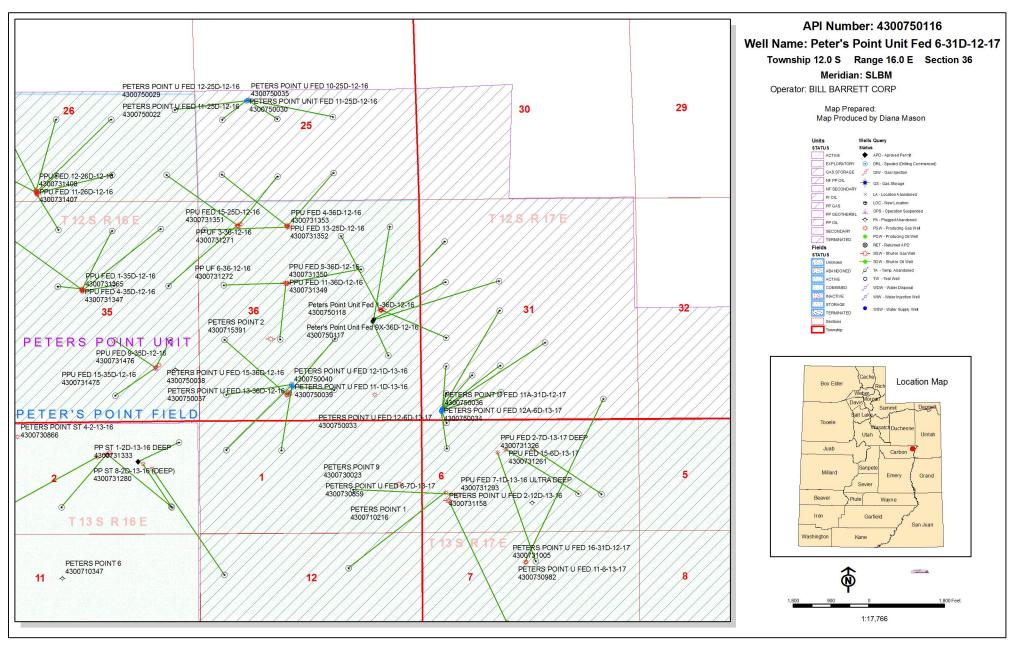
Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals,
email=Michael, Coulthard&blim.gov, c=US
Date: 2011.01.19 15.30.22 -0700°

### 'APIWellNo:43007501160000'

bcc: File - Peter's Point Unit
 Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:1-19-11



# WORKSHEET APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 1/18/2011 API NO. ASSIGNED: 43007501160000 WELL NAME: Peter's Point Unit Fed 6-31D-12-17 **OPERATOR:** BILL BARRETT CORP (N2165) **PHONE NUMBER:** 303 312-8134 **CONTACT:** Tracey Fallang PROPOSED LOCATION: NESE 36 120S 160E Permit Tech Review: **SURFACE: 2401 FSL 1077 FEL Engineering Review: BOTTOM:** 1959 FNL 1939 FWL Geology Review: **COUNTY: CARBON LATITUDE: 39.72964 LONGITUDE:** -110.06647 UTM SURF EASTINGS: 580002.00 NORTHINGS: 4397958.00 FIELD NAME: PETERS POINT LEASE TYPE: 1 - Federal **LEASE NUMBER: UTU03333** PROPOSED PRODUCING FORMATION(S): WASATCH-MESA VERDE SURFACE OWNER: 1 - Federal **COALBED METHANE: NO RECEIVED AND/OR REVIEWED: LOCATION AND SITING:** ✓ PLAT R649-2-3. Unit: PETERS POINT Bond: FEDERAL - WYB000040 **Potash** R649-3-2. General Oil Shale 190-5 Oil Shale 190-3 R649-3-3. Exception Oil Shale 190-13 **Drilling Unit** Board Cause No: Cause 157-03 Water Permit: Nine Mile Creek **Effective Date:** 5/29/2001 **RDCC Review:** Siting: 460' From Exterior Unit Boundary **Fee Surface Agreement** ▼ R649-3-11. Directional Drill **Intent to Commingle Commingling Approved** 

Comments: Presite Completed

**Stipulations:** 4 - Federal Approval - dmason

15 - Directional - dmason

API Well No: 43007501160000



## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

### Permit To Drill

\*\*\*\*\*\*

Well Name: Peter's Point Unit Fed 6-31D-12-17

**API Well Number:** 43007501160000

**Lease Number:** UTU03333 **Surface Owner:** FEDERAL **Approval Date:** 1/25/2011

### Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

### **Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 157-03. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

 Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
 OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

### **Reporting Requirements:**

API Well No: 43007501160000

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

**Approved By:** 

For John Rogers Associate Director, Oil & Gas

	FORM 9						
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING						
SUNDI	RY NOTICES AND REPORTS C	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	osals to drill new wells, significantly deepen ex ugged wells, or to drill horizontal laterals. Use s.		7.UNIT or CA AGREEMENT NAME: PETERS POINT				
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 6-31D-12-17				
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007501160000				
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , [		NUMBER: -8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2401 FSL 1077 FEL			COUNTY: CARBON				
Qtr/Qtr: NESE Section: 36	IP, RANGE, MERIDIAN: Township: 12.0S Range: 16.0E Meridian: S		STATE: UTAH				
11. CHE	ECK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	☐ ACIDIZE ☐	ALTER CASING	☐ CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME				
3/31/2011	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE				
☐ SUBSEQUENT REPORT	☐ DEEPEN ☐	FRACTURE TREAT	☐ NEW CONSTRUCTION				
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK				
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON				
	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL				
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION				
Report Date.	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, Completion Into Two or More Pools, BBC is submitting this sundry to request commingling approval for the Wasatch and Mesaverde formations. Gas composition is similar across all formations. The pressure profile across the formations is similar and BBC does not anticipate any cross flow. Production is considered to be from one pool. In the event that allocation by zone or Date:  interval is required, BBC would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval. A letter and affidavit of notice is attached. As per Marvin Hendrickson with the Price BLM, federal authority of this action is not necessary.							
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst					
SIGNATURE N/A		<b>DATE</b> 3/15/2011					



### AFFIDAVIT OF NOTICE

My name is Vicki L. Wambolt and I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 9X-36D-12-16, 6-31D-12-17, 5-31D-12-17, 1-36D-12-16 wells drilled from the 9-36 pad located in the NESE of Section 36, Township 12 South, Range 16 East. In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas leases or drilling units overlying the pool.

State of Utah School and Institutional Trust Lands Administration 675 East 500 South, Suite 500 Salt Lake City, UT 84102

Bureau of Land Management Price Field Office 125 South 600 West Price, UT 84501

Date: February 24, 2011

**Affiant** 

Vicki I. Wamholt



February 24, 2011

Utah Division of Oil, Gas & Mining 1594 W. North Temple, Suite 1210 Salt Lake City, UT 84116

Attention: Dustin Doucet

RE: Sundry Notices

Peters Point Unit

9-36 Pad NESE 36 T12S-R16E

Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 9X-36D-12-16, 6-31D-12-17, 5-31D-12-17 & 1-36D-12-16 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513 or vwambolt@billbarrettcorp.com.

BILL BARRETT CORPORATION

With the andolf

Vicki L. Wambolt

Landman

Enclosures



February 24, 2011

Bureau of Land Management Price Field Office 125 South 600 West Price, UT 84501 Certified Mail 7010 1670 0000 2078 8984

Attention: Marvin Hendricks

RE: Sundry Notices Peters Point Unit

9-36 Pad NESE 36 T12S-R16E

Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 9X-36D-12-16, 6-31D-12-17, 5-31D-12-17 & 1-36D-12-16 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513 or vwambolt@billbarrettcorp.com.

BILL BARRETT CORPORATION

Chety Tuhixbalt

Vicki L. Wambolt

Landman

Enclosures



February 24, 2011

State of Utah Certified Mail 7010 2780 0002 8737 7900 School and Institutional Trust Lands Administration 675 East 500 South, Suite 500 Salt Lake City, UT 84102

Attention: LaVonne Garrison

RE: Sundry Notices

Peters Point Unit

9-36 Pad NESE 36 T12S-R16E

Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 9X-36D-12-16, 6-31D-12-17, 5-31D-12-17 & 1-36D-12-16 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513 or vwambolt@billbarrettcorp.com.

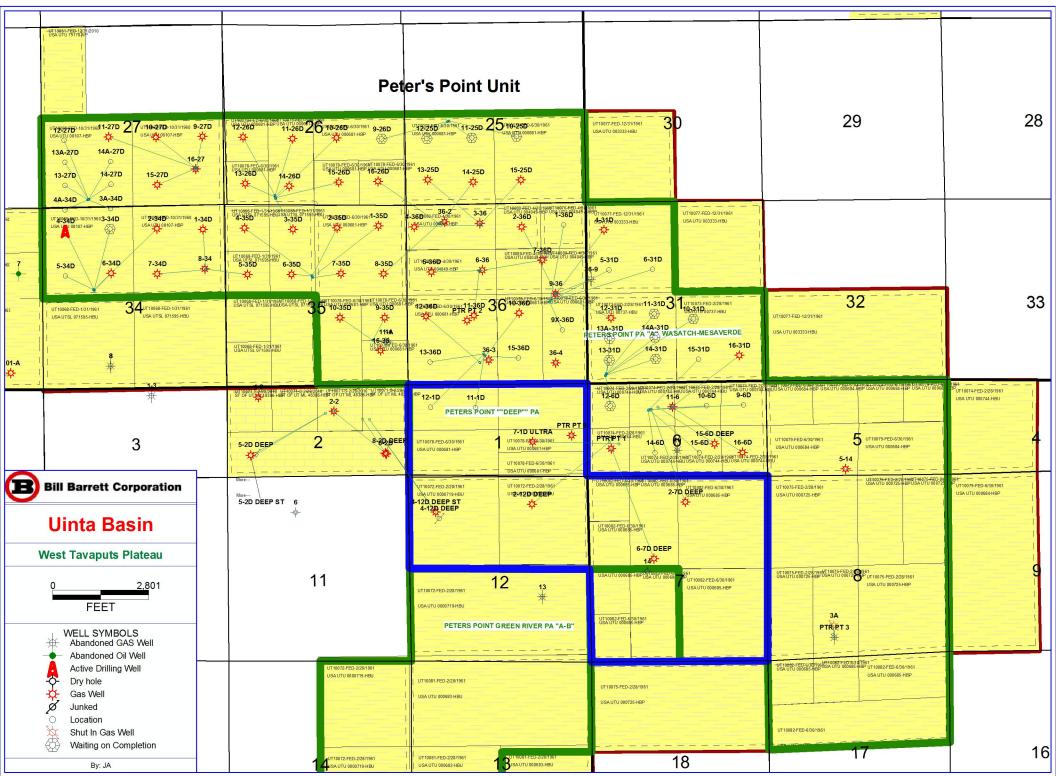
BILL BARRETT CORPORATION

W45 Carboll

Vicki L. Wambolt

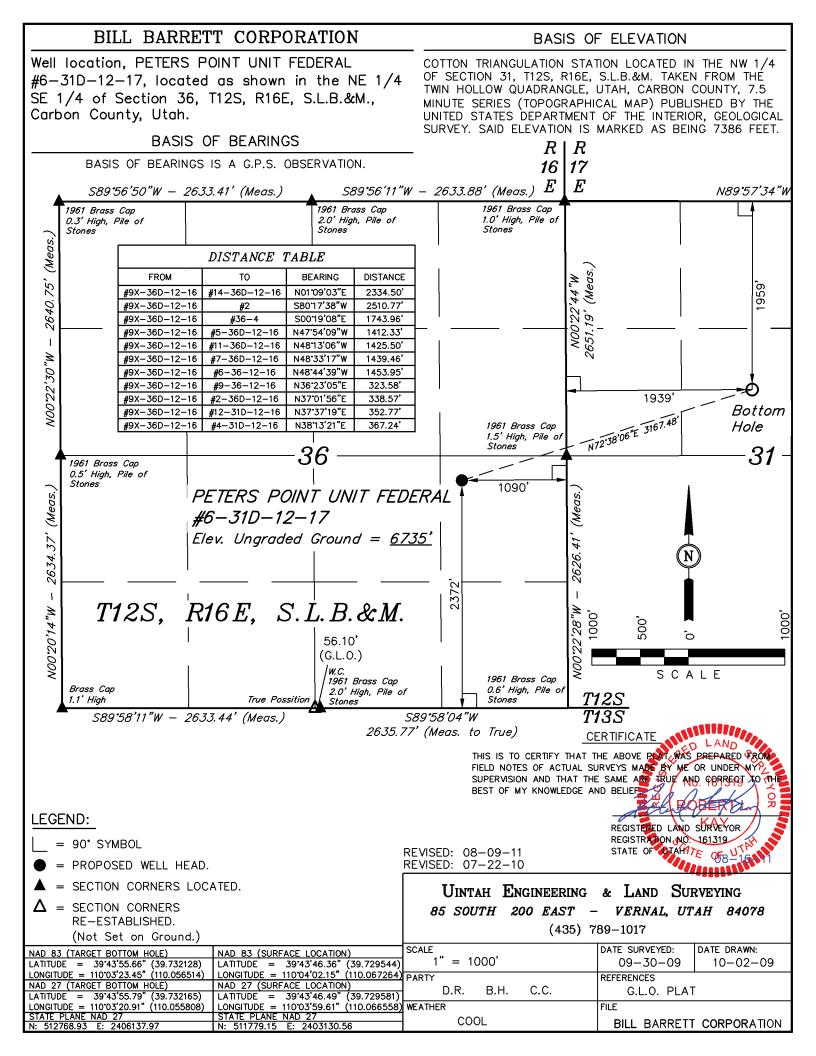
Landman

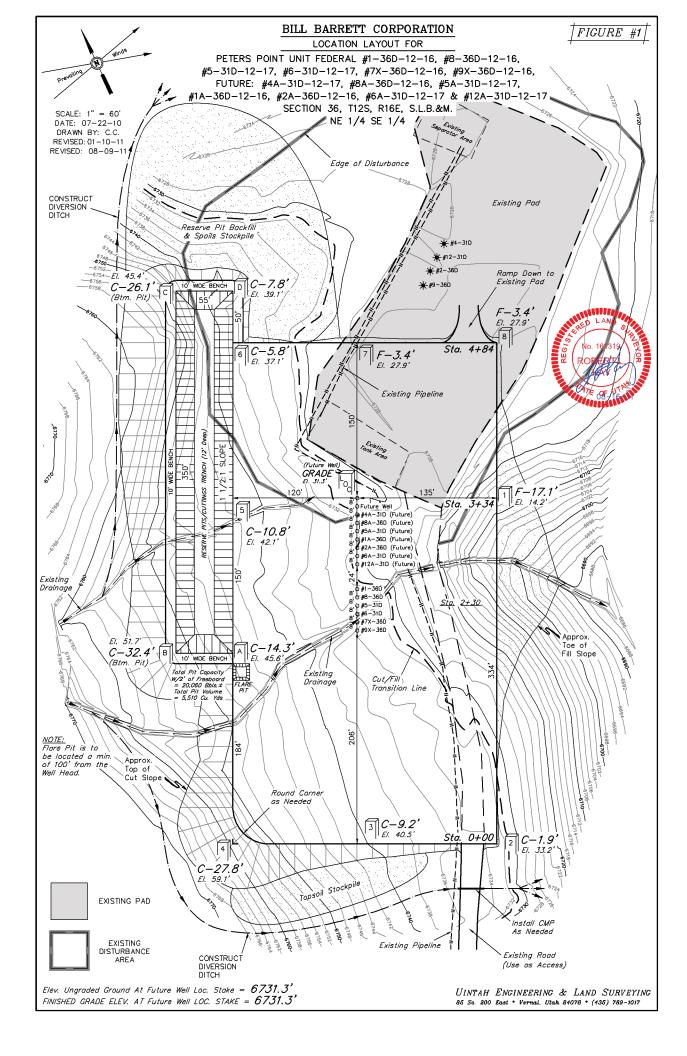
Enclosures

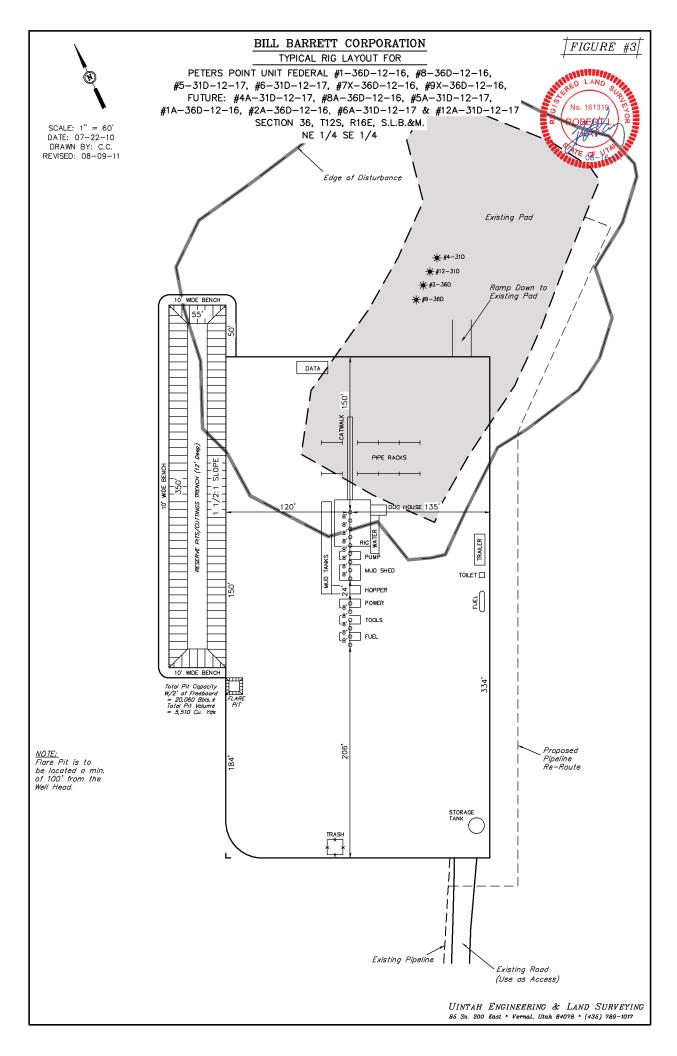


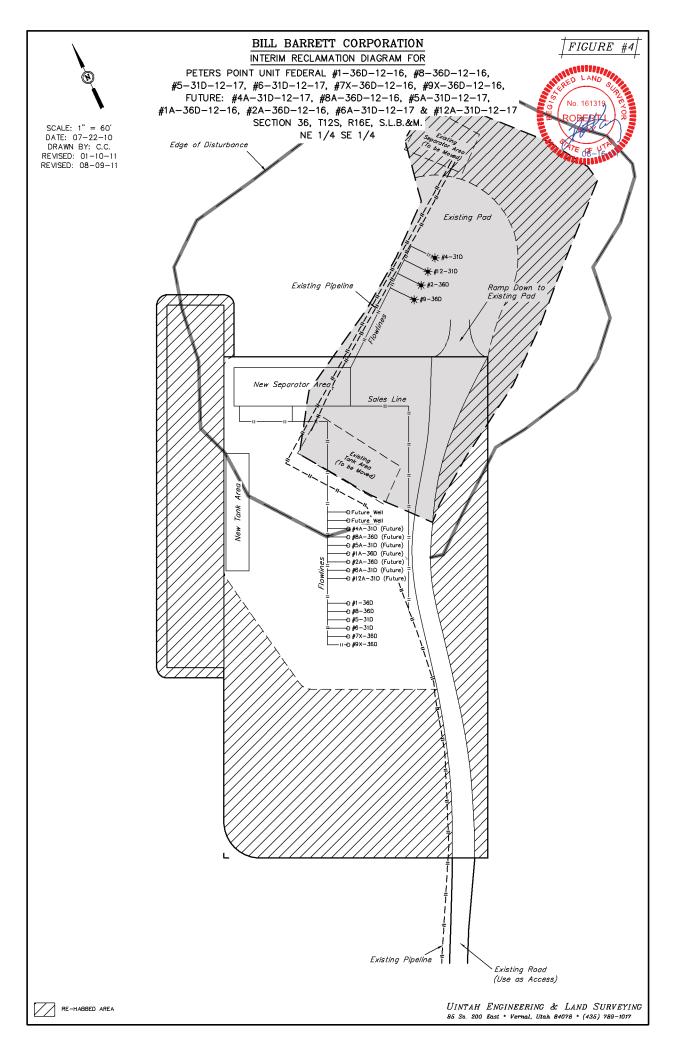
### Federal Approval of this Action is Necessary

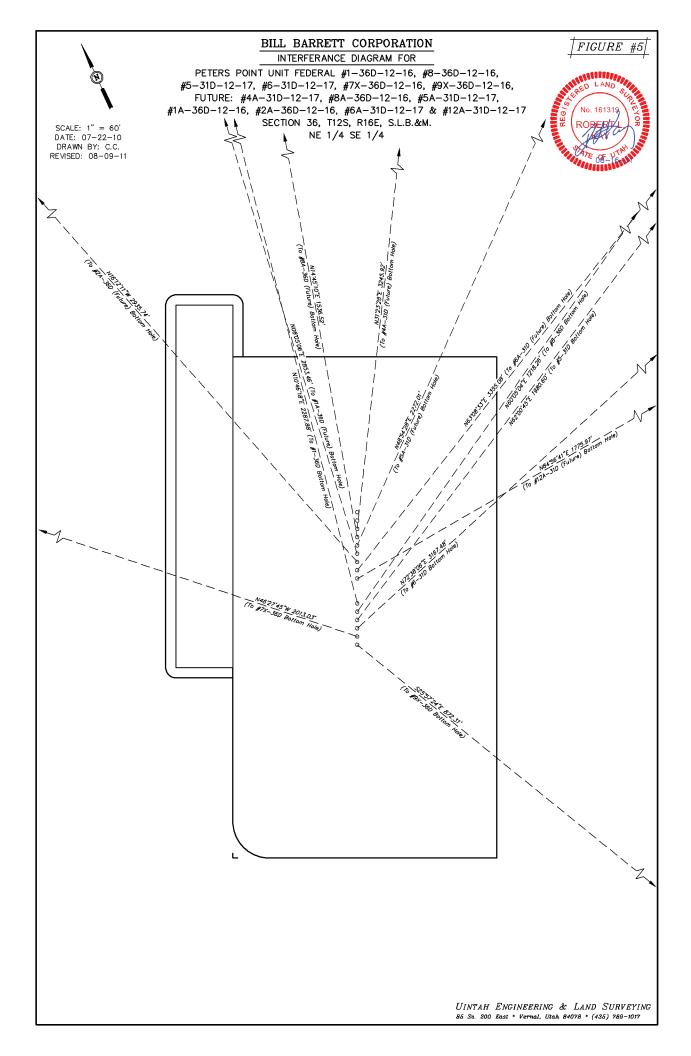
	STATE OF UTAH						
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU03333				
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME: PETERS POINT				
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 6-31D-12-17				
2. NAME OF OPERATOR: BILL BARRETT CORP			<b>9. API NUMBER:</b> 43007501160000				
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , I		IONE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2401 FSL 1077 FEL			COUNTY: CARBON				
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NESE Section: 36	IP, RANGE, MERIDIAN: Township: 12.0S Range: 16.0E Meridian:	: S	STATE: UTAH				
11.	CK APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPORT,	OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR				
Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME				
11/7/2011	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE				
☐ SUBSEQUENT REPORT	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION				
Date of Work Completion:	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK				
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION				
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON				
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL				
☐ DRILLING REPORT	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION				
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:				
	OMPLETED OPERATIONS. Clearly show all p		olumes, etc.				
	this sundry to request permis		_				
	well from 2401'FSL/1077'FEL IL, the proposed depth of the						
	9'MD. The change in SHL/MD		Utah Division of				
size/disturbance	totals. The wellheads are bei	ng rearranged within the	Oil, Gas and Mining				
	pad size as BBC has decided						
	s and instead place them abo age, drilling plan and directio		ate:				
	I not change with this revisio		John Dolly III				
		5-8115 with questions.	- W				
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBE</b> 303 312-8115	R TITLE Permit Analyst					
SIGNATURE N/A		<b>DATE</b> 11/1/2011					











# **BILL BARRETT CORP**

CARBON COUNTY, UTAH (NAD 27) 2011 Peter's Point 9-36 Pad PTPT 6-31D-12-17

PTPT 6-31D-12-17

Plan: PTPT 6-31D Plan 1 8/18/11

# **Standard Planning Report**

18 August, 2011

### Planning Report

Database: Compass

Company: BILL BARRETT CORP

Project: CARBON COUNTY, UTAH (NAD 27) 2011

 Site:
 Peter's Point 9-36 Pad

 Well:
 PTPT 6-31D-12-17

 Wellbore:
 PTPT 6-31D-12-17

 Design:
 PTPT 6-31D Plan 1 8/18/11

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well PTPT 6-31D-12-17

KB @ 6753.0ft (Original Well Elev) KB @ 6753.0ft (Original Well Elev)

True

Minimum Curvature

Project CARBON COUNTY, UTAH (NAD 27) 2011

Map System:US State Plane 1927 (Exact solution)Geo Datum:NAD 1927 (NADCON CONUS)

Map Zone: Utah Central 4302

System Datum:

Mean Sea Level

Site Peter's Point 9-36 Pad

Northing: 511,800.95 ft 39° 43' 46.700 N Site Position: Latitude: From: Lat/Long Easting: 2,403,140.77ft Longitude: 110° 3' 59.470 W **Position Uncertainty:** 0.0 ft Slot Radius: **Grid Convergence:** 0.92°

Well PTPT 6-31D-12-17

511,779.52 ft 39° 43' 46.490 N **Well Position** +N/-S -21.3 ft Northing: Latitude: 110° 3' 59.610 W +E/-W -10.9 ft Easting: 2,403,130.17 ft Longitude: **Position Uncertainty** 0.0 ft Wellhead Elevation: ft **Ground Level:** 6,731.0 ft

PTPT 6-31D-12-17 Wellbore **Magnetics Model Name** Sample Date Declination **Dip Angle** Field Strength (nT) (°) (°) 65.58 IGRF200510 12/31/2009 11.43 52.262

Design PTPT 6-31D Plan 1 8/18/11 Audit Notes: Version: Phase: **PLAN** Tie On Depth: 0.0 Vertical Section: Depth From (TVD) +N/-S +E/-W Direction (ft) (ft) (ft) (°) 0.0 0.0 0.0 72.71

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,021.5	50.68	72.71	1,905.9	113.4	364.4	5.50	5.50	0.00	72.71	
5,127.6	50.68	72.71	3,874.1	827.7	2,658.9	0.00	0.00	0.00	0.00	
6,049.1	0.00	0.00	4,680.0	941.1	3,023.3	5.50	-5.50	0.00	180.00	PTPT 6-31D
8,369.1	0.00	0.00	7,000.0	941.1	3,023.3	0.00	0.00	0.00	0.00	PTPT 6-31D PBHL

### Planning Report

Database: Compass

Company: BILL BARRETT CORP

Project: CARBON COUNTY, UTAH (NAD 27) 2011

 Site:
 Peter's Point 9-36 Pad

 Well:
 PTPT 6-31D-12-17

 Wellbore:
 PTPT 6-31D-12-17

**Design:** PTPT 6-31D Plan 1 8/18/11

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well PTPT 6-31D-12-17

KB @ 6753.0ft (Original Well Elev) KB @ 6753.0ft (Original Well Elev)

True

Minimum Curvature

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	5.50	72.71	1,199.8	1.4	4.6	4.8	5.50	5.50	0.00
1,300.0	11.00	72.71	1,298.8	5.7	18.3	19.1	5.50	5.50	0.00
1,400.0	16.50	72.71	1,395.9	12.8	41.0	42.9	5.50	5.50	0.00
1,500.0	22.00	72.71	1,490.2	22.5 35.0	72.4	75.9	5.50	5.50 5.50	0.00 0.00
1,600.0 1,700.0	27.50 33.00	72.71 72.71	1,581.0 1,667.4	50.0	112.4 160.5	117.7 168.1	5.50 5.50	5.50 5.50	0.00
1,700.0	38.50	72.71 72.71	1,748.5	67.3	216.2	226.5	5.50 5.50	5.50 5.50	0.00
1,900.0	44.00	72.71 72.71	1,746.5	86.9	279.2	226.5 292.4	5.50 5.50	5.50 5.50	0.00
1,900.0	44.00	72.71	1,023.7	00.9	219.2	292.4	5.50	5.50	0.00
2,000.0	49.50	72.71	1,892.1	108.5	348.7	365.2	5.50	5.50	0.00
2,021.5	50.68	72.71	1,905.9	113.4	364.4	381.7	5.50	5.50	0.00
2,100.0	50.68	72.71	1,955.7	131.5	422.4	442.4	0.00	0.00	0.00
2,200.0	50.68	72.71	2,019.0	154.5	496.3	519.8	0.00	0.00	0.00
2,300.0	50.68	72.71	2,082.4	177.5	570.1	597.1	0.00	0.00	0.00
2,400.0	50.68	72.71	2,145.8	200.5	644.0	674.5	0.00	0.00	0.00
2,500.0	50.68	72.71	2,209.1	223.5	717.9	751.9	0.00	0.00	0.00
2,600.0	50.68	72.71	2,272.5	246.5	791.8	829.2	0.00	0.00	0.00
2,700.0	50.68	72.71	2,335.9	269.5	865.6	906.6	0.00	0.00	0.00
2,800.0	50.68	72.71	2,399.2	292.5	939.5	984.0	0.00	0.00	0.00
2,900.0	50.68	72.71	2,462.6	315.4	1,013.4	1,061.3	0.00	0.00	0.00
3,000.0	50.68	72.71	2,525.9	338.4	1,013.4	1,138.7	0.00	0.00	0.00
3,100.0	50.68	72.71	2,589.3	361.4	1,161.1	1,216.0	0.00	0.00	0.00
3,200.0	50.68	72.71	2,652.7	384.4	1,235.0	1,293.4	0.00	0.00	0.00
3,300.0	50.68	72.71	2,716.0	407.4	1,308.8	1,370.8	0.00	0.00	0.00
3,400.0	50.68	72.71	2,779.4	430.4	1,382.7	1,448.1	0.00	0.00	0.00
3,500.0	50.68	72.71	2,842.8	453.4	1,456.6	1,525.5	0.00	0.00	0.00
3,527.2	50.68	72.71	2,860.0	459.7	1,476.7	1,546.6	0.00	0.00	0.00
Wasatch									
3,600.0	50.68	72.71	2,906.1	476.4	1,530.4	1,602.9	0.00	0.00	0.00
3,700.0	50.68	72.71	2,969.5	499.4	1,604.3	1,680.2	0.00	0.00	0.00
3,800.0	50.68	72.71	3,032.8	522.4	1,678.2	1,757.6	0.00	0.00	0.00
3,900.0	50.68	72.71	3,096.2	545.4	1,752.0	1,835.0	0.00	0.00	0.00
4,000.0	50.68	72.71	3,159.6	568.4	1,825.9	1,912.3	0.00	0.00	0.00
4,100.0	50.68	72.71	3,222.9	591.4	1,899.8	1,989.7	0.00	0.00	0.00
4,200.0	50.68	72.71	3,286.3	614.4	1,973.6	2,067.0	0.00	0.00	0.00
4,300.0	50.68	72.71	3,349.7	637.4	2,047.5	2,144.4	0.00	0.00	0.00
4,400.0	50.68	72.71	3,413.0	660.4	2,121.4	2,221.8	0.00	0.00	0.00
4,500.0	50.68	72.71	3,476.4	683.4	2,121.4	2,299.1	0.00	0.00	0.00
4,600.0	50.68	72.71	3,539.7	706.3	2,269.1	2,376.5	0.00	0.00	0.00
4,700.0	50.68	72.71	3,603.1	729.3	2,343.0	2,453.9	0.00	0.00	0.00
4,800.0	50.68	72.71	3,666.5	752.3	2,416.8	2,531.2	0.00	0.00	0.00
4,900.0	50.68	72.71	3,729.8	775.3	2,490.7	2,608.6	0.00	0.00	0.00
5,000.0	50.68	72.71	3,793.2	798.3	2,564.6	2,686.0	0.00	0.00	0.00

### Planning Report

Database: Compass

Company: BILL BARRETT CORP

Project: CARBON COUNTY, UTAH (NAD 27) 2011

 Site:
 Peter's Point 9-36 Pad

 Well:
 PTPT 6-31D-12-17

 Wellbore:
 PTPT 6-31D-12-17

**Design:** PTPT 6-31D Plan 1 8/18/11

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well PTPT 6-31D-12-17

KB @ 6753.0ft (Original Well Elev) KB @ 6753.0ft (Original Well Elev)

True

Minimum Curvature

nned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,100.0	50.68	72.71	3,856.6	821.3	2,638.4	2,763.3	0.00	0.00	0.00
5,127.6	50.68	72.71	3,874.1	827.7	2,658.9	2,784.7	0.00	0.00	0.00
5,200.0 5,300.0 5,400.0 5,500.0 5,600.0 5,700.0 5,800.0	46.70 41.20 35.70 30.20 24.70 19.20 13.70	72.71 72.71 72.71 72.71 72.71 72.71	3,921.8 3,993.8 4,072.1 4,156.0 4,244.7 4,337.4 4,433.3	843.8 864.4 882.9 899.1 912.8 923.9 932.3	2,710.7 2,777.0 2,836.3 2,888.3 2,932.3 2,967.9 2,995.0	2,839.0 2,908.4 2,970.6 3,025.0 3,071.0 3,108.4 3,136.7	5.50 5.50 5.50 5.50 5.50 5.50	-5.50 -5.50 -5.50 -5.50 -5.50 -5.50	0.00 0.00 0.00 0.00 0.00 0.00
5,900.0	8.20	72.71	4,531.4	937.9	3,013.1	3,155.7	5.50	-5.50	0.00
6,000.0	2.70	72.71	4,630.9	940.8	3,022.2	3,165.2	5.50	-5.50	0.00
6,049.1	0.00	0.00	4,680.0	941.1	3,023.3	3,166.4	5.50	-5.50	0.00
North Horn -	PTPT 6-31D								
6,100.0	0.00	0.00	4,730.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
6,200.0	0.00	0.00	4,830.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
6,300.0	0.00	0.00	4,930.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
6,400.0	0.00	0.00	5,030.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
6,500.0	0.00	0.00	5,130.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
6,600.0	0.00	0.00	5,230.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
6,700.0	0.00	0.00	5,330.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
6,800.0	0.00	0.00	5,430.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
6,900.0	0.00	0.00	5,530.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
7,000.0	0.00	0.00	5,630.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
7,100.0	0.00	0.00	5,730.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
7,200.0	0.00	0.00	5,830.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
7,300.0	0.00	0.00	5,930.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
7,400.0	0.00	0.00	6,030.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
7,464.1	0.00	0.00	6,095.0	941.1	3,023.3	3,166.4	0.00	0.00	0.00
Dark Canyon									
7,500.0 7,600.0 7,689.1 Price River	0.00 0.00 0.00	0.00 0.00 0.00	6,130.9 6,230.9 6,320.0	941.1 941.1 941.1	3,023.3 3,023.3 3,023.3	3,166.4 3,166.4 3,166.4	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
7,700.0	0.00	0.00	6,330.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
7,800.0	0.00	0.00	6,430.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
7,900.0 8,000.0 8,099.1 Price River 6	0.00 0.00 0.00	0.00 0.00 0.00	6,530.9 6,630.9 6,730.0	941.1 941.1 941.1	3,023.3 3,023.3 3,023.3	3,166.4 3,166.4 3,166.4	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
8,100.0	0.00	0.00	6,730.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
8,119.1	0.00	0.00	6,750.0	941.1	3,023.3	3,166.4	0.00	0.00	0.00
Price River 68	840 Base								
8,200.0	0.00	0.00	6,830.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
8,300.0	0.00	0.00	6,930.9	941.1	3,023.3	3,166.4	0.00	0.00	0.00
8,369.1	0.00	0.00	7,000.0	941.1	3,023.3	3,166.4	0.00	0.00	0.00

### Planning Report

Database: Compass

Company: BILL BARRETT CORP

Project: CARBON COUNTY, UTAH (NAD 27) 2011

 Site:
 Peter's Point 9-36 Pad

 Well:
 PTPT 6-31D-12-17

 Wellbore:
 PTPT 6-31D-12-17

**Design:** PTPT 6-31D Plan 1 8/18/11

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well PTPT 6-31D-12-17

KB @ 6753.0ft (Original Well Elev) KB @ 6753.0ft (Original Well Elev)

True

Minimum Curvature

ormations						
	Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
	3,527.2	2,860.0	Wasatch		0.00	
	6,049.1	4,680.0	North Horn		0.00	
	7,464.1	6,095.0	Dark Canyon		0.00	
	7,689.1		Price River		0.00	
	8,099.1	6,730.0	Price River 6840		0.00	
	8,119.1	6,750.0	Price River 6840 Base		0.00	
	8,369.1	7,000.0	TD		0.00	

### **DRILLING PROGRAM - REVISED**

# BILL BARRETT CORPORATION

### Peter's Point Unit Federal 6-31D-12-17

NESE, 2372' FSL, 1090' FEL, Sec. 36, T12S-R16E (surface hole) SENW, 1959' FNL, 1939' FWL, Sec. 31, T12S-R17E (bottom hole) Carbon County, Utah

# 1 – 2. <u>Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals</u>

<b>Formation</b>	Depth – MD	<u>Depth – TVD</u>
Green River	Surface	Surface
Wasatch	3527'*	<mark>2860'*</mark>
North Horn	60419'*	4680'*
Dark Canyon	<mark>7464'*</mark>	<mark>6095'*</mark>
Price River	<mark>7689'*</mark>	6320'*
TD	<mark>8369'</mark>	<mark>7000'</mark>

**PROSPECTIVE PAY:** \*Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas. Any shallow water zones encountered will be adequately protected and reported. All potentially productive hydrocarbon zones will be cemented off.

### 3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment						
0 – 1000'	No pressure control required						
1000' – TD	11" 3000# Ram Type BOP						
	11" 3000# Annular BOP						
- Drilling spool to a	- Drilling spool to accommodate choke and kill lines;						
- Ancillary equipme	ent and choke manifold rated at 3,000#. All BOP and BOPE tests will be in						
accordance with the	ne requirements of onshore Order No. 2;						
- The BLM and the	- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in						
advance of all BOP pressure tests.							
- BOP hand wheels	may be underneath the sub-structure of the rig if the drilling rig used is set up						
to operate most ef	ficiently in this manner.						

### 4. <u>Casing Program</u>

Hole Size	Setting Depth		Casing	Casing	Casing	<b>Thread</b>	Condition
	<u>From</u>	<u>To</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>		
24"	Surface	40'	14"	36#			
12 1/4"	Surface	1000'	9 5/8"	36#	Jor K 55	ST&C	New
8 3/4" and	Surface	TD'	5 ½"	17.0#	P-110	LT&C	New
7 7/8"			4 1/2"	11.6#	P-110	LT&C	New

Note: BBC will use one of the options of production casing size noted above. In addition, the 7 7/8" hole size will begin at the point the bit is changed.

### 5. <u>Cementing Program</u>

16" Conductor Casing	Grout cement
9 5/8" Surface Casing	Lead with approximately 170 sx Varicem cement +
	additives mixed at 12.0 ppg (yield = $2.53 \text{ ft}^3/\text{sx}$ ).
	Tail with approximately and 190 sx Halcem cement with
	additives mixed at 15.8 ppg (yield = $1.16 \text{ ft}^3/\text{sx}$ ) circulated
	to surface with 100% excess.
5 ½" Production Casing	Lead with approximately 320 sx (4 ½" csg) or 260 sx (5 ½"
	csg) of Halliburton Light Premium cement with additives
OR	mixed at 12.5 ppg (yield = $1.96 \text{ ft}^3/\text{sx}$ ).
4 ½" Production Casing	Tail with approximately $\frac{1430}{1430}$ sx $(4 \frac{1}{2}$ csg) or $\frac{1180}{1430}$ sx (5
	½" csg) of 50/50 Poz cement + additives mixed at 13.4 ppg
	(yield = $1.45 \text{ ft}^3/\text{sk}$ ), circulated to $\sim 800^\circ$ with $15\%$ excess.
Note: Actual volumes to be calcula	ated from caliper log.

### 6. <u>Mud Program</u>

<u>Interval</u>	<u>Weight</u>	Viscosity	<u>Fluid Loss</u> (API filtrate)	Remarks
0 – 40'	8.3 - 8.6	27 - 40		Native Spud Mud
40' – 1000'	8.3 - 8.6	27 - 40	15 cc or less	Native/Gel/Lime
1000' - TD	8.6 - 9.5	38 – 46	15 cc or less	LSND/DAP

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

### 7. <u>Testing, Logging and Core Programs</u>

Cores	None anticipated;
Testing	None anticipated;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.

Bill Barrett Corporation Drilling Program Peter's Point Unit Federal #6-31D-12-17 Carbon County, Utah

### 8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3458 psi\* and maximum anticipated surface pressure equals approximately 1918 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

### 9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

### 10. Drilling Schedule

Location Construction: July 1, 2011
Spud: September 1, 2011
Duration: 10 days drilling time
30 days completion time

<sup>\*\*</sup>Maximum surface pressure = A - (0.22 x TD)

### **Other - Onshore Variances Requested**

### Use of EFM and Flow Conditioner (Onshore Order No. 5)

Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application.

Use of a flow conditioner is also being requested (versus straightening vanes). Flow conditioners have been proven to be as or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR 24" minimum up to 3 1/2' long x 3" (ID 3.068)

### Air Drilling (Onshore Order No. 2)

Air drilling operations will be conducted with the purpose of drilling and setting surface casing with a truck mounted air rig, for all Federal wells located at this pad. Surface casing is approximately 1000'. Bill Barrett Corporation with comply with the following surface air drilling operation requirements:

- 1. Properly lubricated and maintained diverter system in place of a rotating head. The diverter system forces air and cutting returns to the cuttings pit and is used solely to drill the surface hole. In addition, BBC will use a properly lubricated and maintained rotating head in compliance with OOG No. 2.
- 2. The Blooie line will discharge at least 100 feet from the wellbore and will be securely anchored.
- 3. An automatic igniter or continuous pilot light will be installed at the end of the blooie line.
- 4. Compressors that supply energy to drill the air filled surface hole will be located 100' away from the wellbore and on the opposite side of the blooie line. The compressors will be equipped with 1) emergency kill switch, 2) pressure relief valves 3) spark arresters on the motors.



### **NINE MILE CEMENT VOLUMES**

Well Name: Peter's Point Unit Federal 6-31d-12-17

### **Surface Hole Data:**

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### **Calculated Data:**

Lead Volume:	203.6	ft <sup>3</sup>
Lead Fill:	650'	
Tail Volume:	109.6	ft <sup>3</sup>
Tail Fill:	350'	

### Cement Data:

Lead Yield:	1.70	ft³/sk
Tail Yield:	1.15	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Sacks:

# SK's Lead:	240
# SK's Tail:	200

### **Production Hole Data:**

Total Depth:	8,369'
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing:	4.500"

### **Calculated Data:**

Lead Volume:	522.1	ft³
Lead Fill:	1,700'	
Tail Volume:	1802.6	ft <sup>3</sup>
Tail Fill:	5,869'	

### Cement Data:

Lead Yield:	1.96	ft³/sk
Tail Yield:	1.45	ft <sup>3</sup> /sk
% Excess:	15%	

### Calculated # of Sacks:

# SK's Lead:	310
# SK's Tail:	1430

## Peter's Point Unit Federal 6-31d-12-17 Proposed Cementing Program

Job Recommendation		Su	rface Casing
Lead Cement - (650' - 0')			
Varicem ™ Cement	Fluid Weight:	12	lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	1.70	ft <sup>3</sup> /sk
	Total Mixing Fluid:	14.82	Gal/sk
	Top of Fluid:	O'	
	Calculated Fill:	650'	
	Volume:	36.25	bbl
	Proposed Sacks:	240	sks
Tail Cement - (1000' - 650')			
Halcem ™ System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.15	ft <sup>3</sup> /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	650'	
	Calculated Fill:	350'	
	Volume:	19.52	bbl
	Proposed Sacks:	200	sks

ob Recommendation		Produc	ction Casin
Lead Cement - (800' - 2500')			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.96	ft <sup>3</sup> /sk
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'	
0.25% Fe-2	Calculated Fill:	1,700'	
0.2% Econolite	Volume:	92.99	bbl
	Proposed Sacks:	310	sks
To:1 Compart (2500) 9260)			
<b>Tail Cement - (2500' - 8369')</b> 50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
50/50 Poz Premium 3.0 % KCL	Fluid Weight: Slurry Yield:		lbm/gal ft³/sk
50/50 Poz Premium	Slurry Yield:	1.45	ft <sup>3</sup> /sk
50/50 Poz Premium 3.0 % KCL	Slurry Yield: Total Mixing Fluid:	1.45 6.82	
50/50 Poz Premium 3.0 % KCL 0.75% Halad®-322	Slurry Yield:	1.45 6.82 2,500'	ft <sup>3</sup> /sk
50/50 Poz Premium 3.0 % KCL 0.75% Halad®-322 0.2% FWCA	Slurry Yield: Total Mixing Fluid: Top of Fluid:	1.45 6.82 2,500' 5,869'	ft <sup>3</sup> /sk Gal/sk



### NINE MILE CEMENT VOLUMES

Well Name: Peter's Point Unit Federal 6-31d-12-17

### **Surface Hole Data:**

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	203.6	ft <sup>3</sup>
Lead Fill:	650'	
Tail Volume:	109.6	ft <sup>3</sup>
Tail Fill:	350'	

### Cement Data:

Lead Yield:	1.70	ft <sup>3</sup> /sk
Tail Yield:	1.15	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Sacks:

# SK's Lead:	240
# SK's Tail:	200

### **Production Hole Data:**

Total Depth:	8,369'
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing:	5.500"

### **Calculated Data:**

Lead Volume:	429.4	ft³	
Lead Fill:	1,700'		
Tail Volume:	1482.5	ft <sup>3</sup>	
Tail Fill:	5,869'		

### Cement Data:

Lead Yield:	1.96	ft³/sk
Tail Yield:	1.45	ft <sup>3</sup> /sk
% Excess:	15%	

### Calculated # of Sacks:

# SK's Lead:	260
# SK's Tail:	1180

# Peter's Point Unit Federal 6-31d-12-17 Proposed Cementing Program

Job Recommendation		Su	rface Casing
Lead Cement - (650' - 0')			
Varicem ™ Cement	Fluid Weight:	12	lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	1.70	ft <sup>3</sup> /sk
	Total Mixing Fluid:	14.82	Gal/sk
	Top of Fluid:	O'	
	Calculated Fill:	650'	
	Volume:	36.25	bbl
	Proposed Sacks:	240	sks
Tail Cement - (1000' - 650')			
Halcem ™ System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.15	ft <sup>3</sup> /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	650'	
	Calculated Fill:	350'	
	Volume:	19.52	bbl
	Proposed Sacks:	200	sks

Job Recommendation		Produc	tion Casing
Lead Cement - (800' - 2500')			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.96	ft <sup>3</sup> /sk
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'	
0.25% Fe-2	Calculated Fill:	1,700'	
0.2% Econolite	Volume:	76.48	bbl
	Proposed Sacks:	260	sks
Tail Cement - (2500' - 8369')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
3.0 % KCL	Slurry Yield:	1.45	ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid:	6.82	Gal/sk
0.2% FWCA	Top of Fluid:	2,500'	
0.3% Super CBL	Calculated Fill:	5,869'	
0.125 lbm/sk Poly-E-Flake	Volume:	264.02	bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	1180	sks

RIAL NUMBER:
IBE NAME:
E:
12-17
:
NLY

# DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Comp	pany BILL BARRETT CORPORATION
Well Name:_	PETERS POINT UF 6-31D-12-17
Api No:	43-007-50116 Lease Type <u>FEDERAL</u>
Section 36	Township 12S Range 16E County CARBON
Drilling Contr	ractor TRIPLE A DRILLING RIG #
·	Date
Drilling will	
Reported by_	ASHLEY TANABE
Telephone #	DANNY HARRIS (435 ) 282-4682
Date	11/15/2011 Signed CHD

### T125R16E5-36 4300750116

From:

Danny Harris <dharris@bbccontractors.com>

To:

CC:

Date:

11/20/2011 2:58 PM

Subject:

Casing and cement notice

On Nov. 21st at approx. 17:30 Bill Barrett Corp. will use Pro Petro Services to run casing and cement the Peters Point 6-31D-12-17, API no. 4300750116. If you have any questions or concerns you can contact me at 435-828-4682, or E-Mail.

Thanks

Danny Harris

RECEIVED NOV 2 2 2011

DIV. OF OIL, GAS & MINING

STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS, AND MINING		FORM 9		
		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU03333		
SUNDI	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	osals to drill new wells, significantly deeper ugged wells, or to drill horizontal laterals. s.		7.UNIT or CA AGREEMENT NAME: PETERS POINT	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 6-31D-12-17	
2. NAME OF OPERATOR: BILL BARRETT CORP			<b>9. API NUMBER:</b> 43007501160000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , [		ONE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2372 FSL 1090 FEL	ID DANCE MEDIDIAN.		COUNTY: CARBON	
QTR/QTR, SECTION, TOWNSH: Qtr/Qtr: NESE Section: 36	Township: 12.0S Range: 16.0E Meridian:	S	STATE: UTAH	
11. CHE	ECK APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	☐ ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
SUBSEQUENT REPORT	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION	
	OPERATOR CHANGE     PRODUCTION START OR RESUME	PLUG AND ABANDON	☐ PLUG BACK	
SPUD REPORT Date of Spud:		☐ RECLAMATION OF WELL SITE ☐ SIDETRACK TO REPAIR WELL	RECOMPLETE DIFFERENT FORMATION	
	☐ TUBING REPAIR	☐ VENT OR FLARE	□ TEMPORARY ABANDON     □ WATER DISPOSAL	
✓ DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION	
Report Date: 11/30/2011				
	WILDCAT WELL DETERMINATION		OTHER:	
l .	ompleted operations. Clearly show all pe ber 2011 Monthly Drilling Acti		olumes, etc.	
			Accepted by the	
			Utah Division of	
			I, Gas and Mining	
		FUF	R RECORD ONLY	
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	R TITLE Permit Analyst		
SIGNATURE N/A		<b>DATE</b> 12/5/2011		

STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS, AND MINING		FORM 9	
		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU03333	
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ıgged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME: PETERS POINT
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 6-31D-12-17
2. NAME OF OPERATOR: BILL BARRETT CORP			<b>9. API NUMBER:</b> 43007501160000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D		NE NUMBER: 12-8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2372 FSL 1090 FEL QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN:		COUNTY: CARBON STATE:
Qtr/Qtr: NESE Section: 36	Township: 12.0S Range: 16.0E Meridian: S	5	UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	ΓΕ NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Space.	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
✓ DRILLING REPORT	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
Report Date: 11/30/2011	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
11/30/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  November 2011 Monthly Drilling Activity report attached.  Accepted by the  Utah Division of  Oil, Gas and Mining  FOR RECORD ONLY			
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Brady Riley	303 312-8115	Permit Analyst	
SIGNATURE N/A		<b>DATE</b> 12/5/2011	



'eter's	Point	#6-31	D-12-	17 1°	1/4/2011 (	00:00 -	11/5/20	11 00:00				
N/UWI 30075011	160000	18	State/Province	Э	County	Field N	lame t Tavaputs	Well Status		Total Depth (ftKE	B) Prin	mary Job Type rilling & Completion
me Log	100000					******	Tavapato				1,047.0	ming & Completion
art Time	Dur (hr)	End Time	Code		Category					Com		
otor's	Point	#6 21	D 12 /	17 1	1/24/2044	06:00	11/22/	2011 06:00				
PI/UWI	Politi		State/Province		County	Field N		Well Status	)	Total Depth (ftKE	3) Prii	mary Job Type
30075011	160000				,	Wes	t Tavaputs				1,047.0 Dr	rilling & Completion
me Log	Dur (hr)	End Time	Code		Category					Com		
3:00		20:00	2	DRILL A	CTUAL		Drill 12.2	5" surface		00111		
0:00	8.00	04:00	12	RUN CA	ASING & CEM	ENT	gel, end.	start lead cmt @	12.4 lb/gal,ei	nd. start tail c	mt, drop plug	start water, end. st on the fly, end 250 rt cmt down backsio

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

### **ENTITY ACTION FORM**

Operator:

**Bill Barrett Corporation** 

Operator Account Number: N 2165

Address:

1099 18th Street, Suite 2300

city Denver

state CO

zip 80202

Phone Number: \_(303) 312-8115

### Well 1

4000750446				QQ Sec Twp			Rng County			
4300750116	PETERS POINT UF 6	NESE	36	128	16E	Carbon				
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date				
KB	99999	2470	1	1/15/201	11	11	130/11			

MSMIND

Lee 21

St. NW

Well 2

API Number	Well	Name	QQ	Sec	Twp	Rng	County
4300750231	PETERS POINT UF 7	PETERS POINT UF 7X-36D-12-16			128	16E	Carbon
Action Code	Current Entity Number	New Entity Number	S	te	Entity Assignment Effective Date		
KB	99999	2470	1	1/16/20	11	İt	/30/11
Comments: Spuc	dding Operation was con		rilling @ 9:1 SLUNE				

### Well 3

API Number	Well	Well Name				Rng	County		
4300750117	PETERS POINT UF	PETERS POINT UF 9X-36D-12-16				16E	Carbon		
Action Code	Current Entity Number	, New Entity Number	s	Spud Date			Entity Assignment Effective Date		
& B	99999	2470	1	1/16/20	11	11	30/11		
Comments: Spuc	Iding Operation was cor	nducted by Triple A D	rilling @ 2:: VESE	30 pm.					

### **ACTION CODES:**

A - Establish new entity for new well (single well only)

B - Add new well to existing entity (group or unit well)

C - Re-assign well from one existing entity to another existing entity

D - Re-assign well from one existing entity to a new entity

E - Other (Explain in 'comments' section)

RECEIVED

Name (Please Print) Brady Riley Signature Permit Analyst 11/17/2011 Title Date

**Brady Riley** 

(5/2000)

NOV 1 7 2011

	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU03333		
SUND	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deepen ıgged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME: PETERS POINT		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 6-31D-12-17		
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007501160000		
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		NE NUMBER: 2-8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2372 FSL 1090 FEL QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN:		COUNTY: CARBON STATE:		
Qtr/Qtr: NESE Section: 36	Township: 12.0S Range: 16.0E Meridian: S		UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	☐ ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME		
	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION		
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
,	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL		
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION		
12/31/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:		
	ompleted operations. Clearly show all per December 2011 drilling activity		olumes, etc.		
NAME (PLEASE PRINT)	PHONE NUMBER	l Oil	Accepted by the Utah Division of I, Gas and Mining R RECORDONLY		
Brady Riley	303 312-8115	Permit Analyst			
SIGNATURE N/A		<b>DATE</b> 1/5/2012			

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU03333
SUNDF	RY NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly deep reenter plugged wells, or to drill horizontal l n for such proposals.		7.UNIT OF CA AGREEMENT NAME: PETERS POINT
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 6-31D-12-17
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007501160000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		NE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT
4. LOCATION OF WELL FOOTAGES AT SURFACE:	, , , , , , , , , , , , , , , , , , , ,		COUNTY: CARBON
2372 FSL 1090 FEL QTR/QTR, SECTION, TOWNSI Qtr/Qtr: NESE Section: 3	HIP, RANGE, MERIDIAN: 16 Township: 12.0S Range: 16.0E Meridian: \$	S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	☐ ACIDIZE ☐ /	ALTER CASING	CASING REPAIR
Approximate date work will start: 1/3/2012		CHANGE TUBING	CHANGE WELL NAME
SUBSEQUENT REPORT Date of Work Completion:		RACTURE TREAT	□ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION  TEMPORARY ABANDON
·		/ENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF ☐ 5	SI TA STATUS EXTENSION	APD EXTENSION
	☐ WILDCAT WELL DETERMINATION ✓	OTHER	OTHER: general well testing procedu
This sundry is bein this pad that were o	completed operations, clearly show all pergraph graphs and submitted to further clarify tendiscussed and verbally approved ant installations. Please contact questions at 303-312-8115.	sting procedures for I by the BLM as well	Accepted by the Utah Division of Oil, Gas and Mining  Date: January 11, 2012  By: Def Court
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Brady Riley SIGNATURE	303 312-8115	Permit Analyst  DATE	
N/A		1/3/2012	

### **General Well Testing**

Initial testing of wells would occur within 15 days of first sales and would be a 1-3 day test to get a baseline for allocation. After the initial test is performed, testing would occur within 90 days thereafter, testing each well for approximately 3 days and rotating through the wells without any downtime between tests.

As both Prickly Pear and Peter's Point have participating areas (PA) and wells drilled from each pad could include both PA and non-PA wells, specific procedures are implemented for these situations. PA and non-PA will always be measured separately and production would not be combined together within the same tanks. All wells drilled are within units. These procedures are as follows:

- 1) Isolate the PA test tank(s);
- 2) Transfer any remaining liquids from the test tank(s) to the PA production tank(s);
- 3) Strap the starting fluid levels in the test tank(s);
- 4) Note date and time of beginning test, document and record in eVIN;
- 5) Flow test well into test tank(s) for pre-determined period, not to be less than a 24 hour period;
- 6) Isolate the test tank(s), divert the test well's production to the in PA production tank(s);
- 7) Strap the ending fluid levels in the test tank(s);
- 8) Record and document the length of test time, amount of oil produced, amount of water produced and amount of gas produced (through wellhead meter) for the test period into eVIN;
- 9) Procedures for non-PA would be same steps as 1-8.

### Details specific to the **Prickly Pear SE 9 Pad** are as follows:

Well Name	API	Drill	Lease	PA	Facilities (Pr Pr SE 9 pad)
Prickly Pear Unit Fed	43-007-	Phase <sup>1</sup>	UTU -	Boundary	
16A-9D-12-15	50204	2	73006	Out	1) Wells proposed on this pad are a combination of PA
9-9D-12-15	50195	1	73006	Out	and non-PA wells.
15-9D-12-15	50201	2	73006	Out	2) Tank facilities for this pad are on the centralized tank battery facility (CTB) that is co-located on this pad and
16-9D-12-15	50202	1	73006	Out	liquids will be pumped through the SE 8 and SE 7 CTB's
15A-9D-12-15	50203	2	73006	Out	to the Prickly Pear 4-18 CTB/well pad located in the
10-9D-12-15	50197	2	73006	Out	NWNW, Sec. 18, 12S-15E and trucked from that location.*
14A-9D-12-15	50200	2	73006	Out	3) One 12" inch buried gas line and liquids line was
14-9D-12-15	50199	2	73006	Out	buried. 4)Up to ten 625-bbl tanks and one 300-bbl low profile
2-16D-12-15 (Unit State)	50194	2	ML 46708	In	tank would be located on the CTB for production
2A-16D-12-15 (Unit State)	50193	2	ML 46708	In	associated with this pad and future pad located in the
1A-16D-12-15 (Unit State)	50192	2	ML 46708	In	NE of Sec. 9, 12S-15E. 2-750 BTU single separators.  *BBC was granted permission from the Price BLM FO to
10A-9D-12-15	50198	50198 2		Out	truck liquids from the SE 9 pad to the SE 8 CTB until out
9A-9D-12-15	50196	2	73006	Out	of PA wells are incorporated into the PA in 2012.

<sup>1</sup>Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

### Details specific to the **Prickly Pear SE 14 Pad** are as follows:

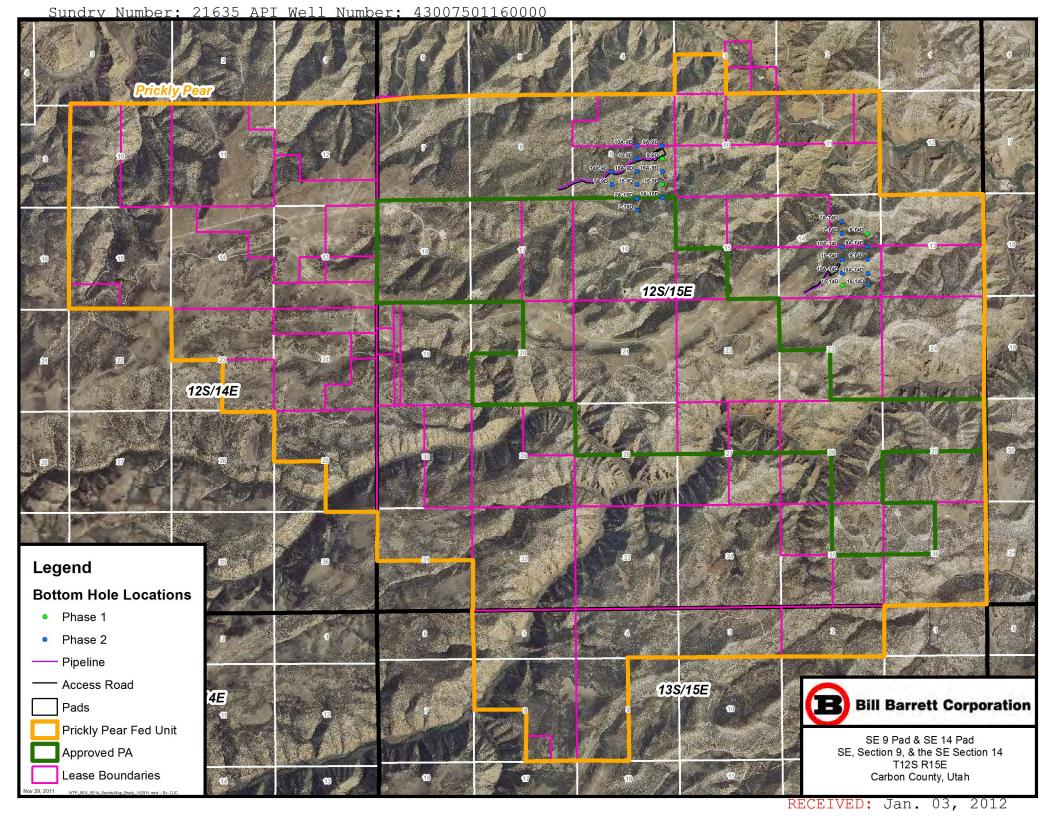
Well Name	API	Drill	Lease	PA Boundary	Facilities (Pr Pr SE 14 pad)
Prickly Pear Unit Fed	43-007-	Phase <sup>1</sup>	UTU -		
15-14D-12-15	50221	1	65773	Out	1) Wells proposed on this pad are non-PA wells;
9-14D-12-15	50217	2	65773	Out	2) Tank facilities for this pad are located on a centralized tank battery facility (CTB) that is co-located on with the pad and liquids would be
16A-14D-12-15	50224	2	65773	Out	pumped on to the CTB at the existing Prickly Pear 3-22 well pad in the
10-14D-12-15	50219	2	65773	Out	NENW, Sec. 22, T12S-R15E.
15A-14D-12-15	50222	2	65773	Out	3) One 12 inch buried gas line to the main tie-in was laid. 4) Up to eight tanks (combination of seven 300-bbls low profile
16-14D-12-15	50223	2	65773	Out	production tanks and one 300-bbl blow down tank), and one 300bbl test
7A-14D-12-15	50215	2	01519B	Out	tank, with up to two 1000 BTU 4 pack separators would be located on the SE 14 CTB and up to twelve tanks (combination of eight 625-bbl tanks and
7-14D-12-15	50214	2	01519B	Out	four 400-bbl tanks) are located on the 3-22 CTB for production associated
10A-14D-12-15	50220	2	65773	Out	with this pad and for additional proposed pads that would also use this as
9A-14D-12-15	50218	2	65773	Out	a CTB. Production for non-PA wells would be combined in one set of tanks while production for PA wells would be combined in a separate set of
8-14D-12-15	50216	1	01519B	Out	tanks on the 3-22 CTB.

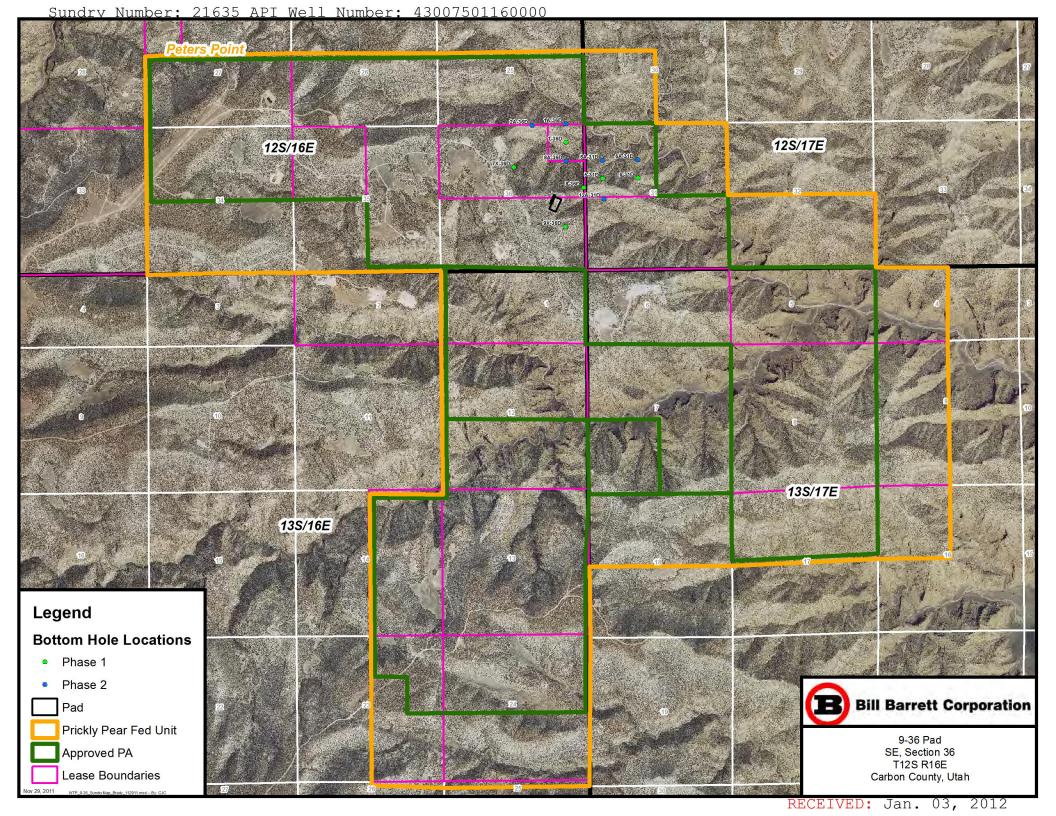
<sup>1</sup>Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

### Details specific to the **Peters Point 9-36 Pad** are as follows:

Well Name	API	Drill	Lease	PA	Facilities (Pt Pt 9-36 pad)			
Peters Point Unit Fed	43-007-	Phase <sup>1</sup>	UTU -	Boundary				
12A-31D-12-17	Not permitted	2	00737	In	1) Wells proposed on this pad are in the PA;			
1-36D-12-16	50118	1	004049A	In	2) Liquids will be piped into a CTB on this pad and then			
1A-36D-12-16	Not permitted	2	004049A	In	will be trucked on to the future central tank battery (CTB) and future water management facility located in			
2A-36D-12-16	Not permitted	2	004049	In	the SWNW, Sec. 34, T12S-R16E.			
5-31D-12-17	50109	1	003333	In	3) Approximately 2000-ft of surface laid line exists on			
5A-31D-12-17	Not permitted	2	003333	In	this pad and ties into the main line. Approximately 75-			
6-31D-12-17	50116	1	003333	In	ft of this existing line was re-routed along the south and east side of the pad. PA liquids from this pad would be			
6A-31D-12-17	Not permitted	2	003333	In	combined with other PA production at the new CTB in			
7x-36D-12-16	50231	1	004049	In	section 34.			
8-36D-12-16	50232	1	004049	In	4) Up to seven 300-bbl low profile tanks, one 300-bbl			
8A-36D-12-16	Not permitted	2	004049	In	BD tank, and one 1000-BTU 6 pack separators would be installed at the 9-36 CTB and up to six-625 bbl tanks will			
9X-36D-12-16	50117	1	000681	In	be onsite at the CTB in section 34.			

<sup>1</sup>Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.





### Petens Point UFED 6-310-12-17 TIASRIGE 5-36 43-007-50116

From:

Naborsm22 <naborsm22@bbccontractors.com>

To:

"awadman@blm.gov" <awadman@blm.gov>, "swiler@blm.gov" <swiler@blm.gov>, ...

CC:

Tracey Fallang <tfallang@billbarrettcorp.com>, Brady Riley <briley@billb...

Date:

1/9/2012 10:13 AM

Subject:

Nabors M22, 24 hr notice, and 30 hr notice

### Good morning;

This is a 24 hr. notice for csg. run and cementing procedures on well# 6-31D-12-17 , api# 43-007-50116...

and a 30 hr. notice for psi testing on well#7X-36D-12-17, api# 43-007-50117...

If there was any questios, comments, and/or concerns please call - 303-353-5350

Bill Barrett Corp. Nabors M22 303-353-5350

RECEIVED

JAN 0 9 2012

DIV. OF OIL, GAS & MINING

			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		
l	DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU033333
SUNDF	RY NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL forn	posals to drill new wells, significantly deep reenter plugged wells, or to drill horizontal n for such proposals.	pen existing wells below laterals. Use APPLICATION	7.UNIT OF CA AGREEMENT NAME: PETERS POINT
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 6-31D-12-17
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007501160000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		DNE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2372 FSL 1090 FEL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 6 Township: 12.0S Range: 16.0E Meridian:	S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion.		PLUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
		SIDETRACK TO REPAIR WELL	L TEMPORARY ABANDON
✓ DRILLING REPORT	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
Report Date: 1/31/2012	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
1/31/2012	WILDCAT WELL DETERMINATION	OTHER	OTHER:
	COMPLETED OPERATIONS. Clearly show all perform a complete of the complete of t		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 07, 2012
Brady Riley	303 312-8115	Permit Analyst	
SIGNATURE N/A		<b>DATE</b> 2/6/2012	



Intelligible   Description   Code	PI/UWI			State/Provinc		5/2012 18 County	Field Nam	ie	Well Status	Total Depth (ftKB) Primary Job Type	
Deterrity   Dete							West T	avaputs		8,370.0 Drilling & Completion	
2.50   23.30   1   RIGUP & TEARDOWN   PREP RIG FOR WALK			F .=:								
1.00					RIGUE &			DRED RI	G FOR WALK	Com	
13.30	SAUCE DES										
1.53					The second secon					-	
Description		100.000				O.P					
Peter's Point #6-31D-12-17 1/6/2012 06:00 - 1/7/2012 06:00	05:00	N. C.		21	OPEN					}	
	05:30	0.50	06:00	20	DIRECTI	ONAL WORK	9 19			AL TOOL AND SCRIBE	
		's Point									
Second   Company   Comp		1160000	l <sup>s</sup>	State/Provinc	e (	County			Well Status		
		The Branch William Co.								5,575.0   2	
10   1.50   1.		<u> </u>	End Time	Code		Category				Com	
DRLC CMT @ 930'   DRLC FLOAT @ 930'   DRLC F	06:00			W-100 CO	DIRECTI			P/U DIRE	CTIONAL TOOLS		
1.50   08:30   21   0PEN	6:30	0.50	07:00	6	TRIPS			TRIP IN	BHA		
DRILG FLOAT @ 980'   DRILG FLOAT & PRILG F		15.1.51.51		1.000							
Part	., .00	1.50	30.50		J. LIV			DRLG FL	OAT @ 980'		
SPMS	08:30	21.00	05:30	2	DRILL A	CTUAL		BIT WT=	20K		
Peter's Point #6-31D-12-17 1/7/2012 06:00 - 1/8/2012 06:00   Primary Job Type   Primary											
State-Province   County   Fleat Name   West Tavaputs   West Status   Total Depth (RKB)   8,370.0   Drilling & Completio	05:30	0.50	06:00	6	TRIPS			SERVICE	E RIG AND TOP D	RIVE	
West Tavaputs   Second   Sec		's Point						Control of the Control			
Start Time		1160000	8	State/Provinc	e C	County	The second second second		Well Status		
Dur (N)							VVCOL I	avaputo	1	j 0,575.5 Drining & Completion	
Decision   Composition   Decision   Decisi	THE PERSON NAMED IN COLUMN		End Time	Code		Category				Com	
12:00		, ,		_	DRILL A			BIT WT=	25K		
17:00								and the second second			
Peter's Point #6-31D-12-17	12:00	1.00	13:00	5	COND M	UD & CIRC		CIRC. AN	ND COND., AND F	PUMP SWEEPS	
State   Province   County   Field Name   Well Status   Total Depth (RKB)   R,370.0   Primary Job Type   Drilling & Completio   Completio	13:00	17.00	06:00	6	TRIPS			TRIP FO	R BIT, BACK REA	MING OUT OF THE HOLE	
Pictury   State/Province   County   Field Name   Well Status   Total Depth (RKB)   R,370.0   Primary Job Type   Drilling & Completio   C	Datar	's Doint	#6_31	D-12-	17 1/9	2/2012 06	·00 - 1	9/2012	06:00		
West Tavaputs   8,370.0   Drilling & Completion		3 1 01110								Total Donth (ffKP)   Drimany Joh Type	
Start Time		1160000	٦	state/P10VIIIC	•	County		-	vveir Status		
Start Time   Dur (hr)   End Time   Code   Category   TRIPPING FOR BIT AND BACK REAMING OUT							110011	arapato		o,or o.o Drinning & completion	
12:00		<u> </u>	End Time	Code		Category				Com	
1.00					TRIPS			TRIPPIN	G FOR BIT AND E		
33:00											
13:30						ATE RIG		SERVICE			
1.00	3:30	4 00	17:30	6	TRIPS			= 10100000	R BIT AND BACK	REAM OUT OF HOLE	
SURFACE TEST MOTOR   CHANGE OUT BOW SPRINGS ON MWD TOOL						ONAL WORK					
20:30   9.00   05:30   2   DRILL ACTUAL   BIT WT= 18K - 20K   RPM= 35 - 40   SPM= 140   SPM= 140   SPM= 140   SERVICE RIG AND TOP DRIVE	17.50	1.00	10.50	20	DIRECTI	ONAL WORK		SURFAC	E TEST MOTOR	NGS ON MWD TOOL	
20:30   9.00   05:30   2   DRILL ACTUAL   BIT WT= 18K - 20K   RPM= 35 - 40   SPM= 140   SERVICE RIG AND TOP DRIVE	18:30	2.00	20:30	6	TRIPS			T.I.H			
RPM= 35 - 40   SPM= 140   SERVICE RIG AND TOP DRIVE	er automotivasi	V	10-1400/AFROSIF	600	10.00 0000 000	CTUAL		State Societies	18K - 20K		
Peter's Point #6-31D-12-17		2.00						RPM= 35 - 40			
Peter's Point #6-31D-12-17	05:30	0.50	06:00	7	LUBRICA	ATE RIG		SERVICE	E RIG AND TOP D	PRIVE	
State/Province	Dotor	'a Daint	#6 24	D 42	17 110	12042 06	.00 1				
43007501160000   West Tavaputs   8,370.0   Drilling & Completion   Time Log		3 FUIIIL								Total Double (#VD)	
Time Log           Start Time         Dur (hr)         End Time         Code         Category         Com           06:00         1.50         07:30         21         OPEN         CLEANING OUT FLOW LINE AFTER, CHUNKS OF RUBBER, BUILT UP SOLTEX		1160000	l <sup>s</sup>	otate/Provinc	e (	Journey	The same of the sa		vveii Status		
Start Time Dur (hr) End Time Code Category Com  06:00 1.50 07:30 21 OPEN CLEANING OUT FLOW LINE AFTER, CHUNKS OF RUBBER, BUILT UP SOLTEX							******		1	1 0,57 5.5 Drining & Completion	
06:00 1.50 07:30 21 OPEN CLEANING OUT FLOW LINE AFTER, CHUNKS OF RUBBER, BUILT UP SOLTEX			End Time	Code		Category				Com	
	Start Time				OPEN	- 210 90. 9				NE AFTER, CHUNKS OF RUBBER, BUILT UP SOLTEX,	



1										
Dur (hr)	End Time	Code	Category					Com		
10.00	17:30	2	DRILL ACTUAL	ļi	RPM= 35	- 40				
0.50	18:00	7	LUBRICATE RIG		and the second		<u> </u>			
4.00	22:00	2	DRILL ACTUAL	1	BIT WT=	25 K				
0.50	22:30	7	LUBRICATE RIG	;	SERVICE	TOP DRIVE AND	RIG			
4.50	03:00	2	DRILL ACTUAL	ļ.	RPM= 35	-40				
1.00	04:00	5	COND MUD & CIRC		CIRC. AN	D COND. MUD, A	AND PUMP	SWEEPS		
2.00	06:00	6	TRIPS	;	SHORT T	RIP TO 8 3/4" BIT	TTRANSITI	ON		
s Point	#6-31	D-12-	17 1/10/2012 06:	00 - 1/	/11/20	12 06:00				
160000	St	tate/Provinc	e County	Field Name West Tav		Well Status		Total Depth (ftKB)		Primary Job Type Drilling & Completion
<u> </u>										
					CLIODE EDIDDING FOR LOCA			Com		
					Acceptance of the control of the con	The state of the s	and the same of th	DIA/EEDS		
		3.53			account of the second		ND PUMP 3	SVVEEPS		
							S LAV DOI	ANI MUD MOT	OB AND	DIT
0.0000000000000000000000000000000000000	- 12 Maria (10 M	10000000	The second secon	- 1						
5.00	19.00	11	WIRELINE LOGS					RIG DOWN SA	IVIL	
0.50	19:30	21	OPEN		PULL WEAR BUSHING					
9.50	05:00	12	RUN CASING & CEMENT							
1.00	06:00	5	COND MUD & CIRC		CIRC. CS	G. WITH RIG PU	MPS AND F	RIG UP HALLIB	URTON	CMTRS
s Point	#6-31	D-12-	17 1/11/2012 06:	00 - 1/	/11/20	12 13:00				
0 1 01111				Field Name		Well Status		Total Depth (ftKB)		Primary Job Type
1160000		1000 1100		West Tav	/aputs					Drilling & Completion
J										
Dur (hr)	THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	Code	Category		DUMB C:	AT \A/ITI	IDTOM ****	Com	NID ME	LDODE
5.00	11:00	12	RUN CASING & CEMENT		PUMP CMT WITH HALLIBURTON AND CMT CSG. AND WELL BORE PUMP 60 BBL'S OF FRESH WATER AND SUPER FLUSH PUMP 1ST LEAD 300 SX/102 BBL'S @ 12.5# PUMP 2ND LEAD 275 SX/94 BBL'S @ 12.5# PUMP TAIL CMT 1155 SX/300 BBL'S @ 13.4# PUMP DISPLACEMENT 129 BBL'S @ 8.33#				L BOKE	
1.00	12:00	14	NIPPLE UP B.O.P	ļ	NIPPLE D	OWN STACK				
1.00	13:00	21	OPEN		SET 4.5" CSG. SLIPS AND CUT OFF CSG. WITH CAMERON SLIPS SET @ 125K					
	10.00  0.50 4.00  1.00 2.00  S Point 160000 1.00 5.00 0.50 9.50 1.00 S Point 1160000 9.50 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1	10.00 17:30  0.50 18:00  4.00 22:00  0.50 22:30  4.50 03:00  1.00 04:00 2.00 06:00  S Point #6-31  160000  1.00 09:00 4.00 13:00 1.00 19:00 0.50 19:30 9.50 05:00  1.00 06:00  S Point #6-31	10.00 17:30 2  0.50 18:00 7  4.00 22:00 2  0.50 22:30 7  4.50 03:00 2  1.00 04:00 5 2.00 06:00 6  S Point #6-31 D-12-  State/Provinc  3  Dur (hr) End Time Code 2.00 08:00 6 1.00 09:00 5 4.00 13:00 6 1.00 14:00 20 5.00 19:00 11  0.50 19:30 21 9.50 05:00 12  1.00 06:00 5  S Point #6-31 D-12-  State/Provinc	10.00	10.00   17:30   2	10.00	10.00	10.00	10.00	10.00

www.peloton.com Page 2/2 Report Printed: 2/2/2012

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU03333
SUNDR	RY NOTICES AND REPORTS C	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly d reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME: PETERS POINT
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 6-31D-12-17
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007501160000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		PHONE NUMBER: )3	9. FIELD and POOL or WILDCAT: PETERS POINT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2372 FSL 1090 FEL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 6 Township: 12.0S Range: 16.0E Meridia	n: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  ✓ PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION  COMPLETED OPERATIONS. Clearly show all or eport that this well had first		CASING REPAIR  CHANGE WELL NAME  CONVERT WELL TYPE  NEW CONSTRUCTION  PLUG BACK  RECOMPLETE DIFFERENT FORMATION  TEMPORARY ABANDON  WATER DISPOSAL  APD EXTENSION  OTHER:  DEPTHS, VOLUMES, etc.  Accepted by the Utah Division of Oil, Gas and Mining  FOR RECORD ONLY  March 01, 2012
NAME (PLEASE PRINT)	PHONE NUMBE		
Brady Riley SIGNATURE	303 312-8115	Permit Analyst  DATE 2/23/2012	

	STATE OF UTAH			FORM 9
ı	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS, AND N		ı	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU03333
SUNDR	RY NOTICES AND REPORT	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	posals to drill new wells, significant reenter plugged wells, or to drill hori n for such proposals.	tly deep izontal l	en existing wells below aterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME: PETERS POINT
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: PETERS POINT U FED 6-31D-12-17
2. NAME OF OPERATOR: BILL BARRETT CORP				9. API NUMBER: 43007501160000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202		NE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2372 FSL 1090 FEL				COUNTY: CARBON
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NESE Section: 3	HIP, RANGE, MERIDIAN: 6 Township: 12.0S Range: 16.0E Me	eridian: S	3	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDIC	CATE NA	ATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE		LTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	☐ c	HANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	С	OMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	F	RACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	_ p	LUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	□ R	ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION		IDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	□ v	ENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	□ s	I TA STATUS EXTENSION	APD EXTENSION
2/1/2012	WILDCAT WELL DETERMINATION		THER	OTHER:
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly sho			enthe volumes etc
	012 monthly drilling activit			Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 07, 2012
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUI</b> 303 312-8115	MBER	TITLE Permit Analyst	
SIGNATURE			DATE 3/5/2012	



Dur (hr) 0.50 2.00	٤	State/Province	9	County	Field Nar West 7		Well Status	Total Depth (ftKB) Primary Job Type
0.50 2.00					VVCGL	avapuis		8,370.0 Drilling & Completion
0.50 2.00				•	•		•	
2.00	End Time		Cafabi	Category		Cafabura	a din a	Com
		SMTG		Meeting		Safety me		4000
2.00		LOGG	Loggin	<u> </u>			N 10 10 10 10 10 10 10 10 10 10 10 10 10	g 1000 psi on casing
	10:30	IWHD		Wellhead			c tree test casing to	0 8500
Point	#6-31	D-12-1	17 2	/17/2012 06	6:00 -	2/18/20	12 06:00	
60000	S	State/Province	Э	County	Field Nar	ne 「avaputs	Well Status	Total Depth (ftKB) Primary Job Type 8,370.0 Drilling & Completion
					•		•	<u> </u>
Dur (hr)	End Time			Category				Com
	11:00	LOCL		/ellhead & Secure	=	WSI		
	11:30	SMTG		Meeting		Safety m		
0.000.00	13:00	PFRT	Perfora	ating		depth Per POOH, M over to fra	rforate,8232-8234, 8 IU new gun - 3 SPf ac.	er.PU 12 ft. perf gun RIH correlate to short jt. run to perf 8206-8208, 8159-8161, 8098-8100, 8081-8083, 8037-80: F.120 phasing, 23 gram charge350 holes. POOH turn v
17.00	06:00					WSI well	secure	
Point	#6-31	D-12-1	17 2	/18/2012 06	6:00 -	2/19/20	12 06:00	
	[8	State/Province	)	County	Field Nar		Well Status	Total Depth (ftKB) Primary Job Type
60000	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$				West T	avaputs		8,370.0 Drilling & Completion
D (b)	End Time	0 - 1 -		0-1				0.00
Dur (hr)	End Time 06:30	SMTG	Safety	Category Meeting		Safety m	eeting	Com
	08:00	PFRT	Perfora	MANUEL CHILD			•	er.PU 12 ft. perf gun RIH correlate to short jt. run to perf
1.50	08.00	PFKI	Periora	aurig		depth Per	rforate,8232-8234, 8 1U new gun - 3 SPI	8206-8208, 8159-8161, 8098-8100, 8081-8083, 8037-803 F.120 phasing, 23 gram charge350 holes. POOH turn v
2.50	10:30	FRAC	Frac. J	ob		Pump we	nt down in pad had	to shut down and repair packing and fix well head leak.
						Avg Welli Avg Pres Max CO2 Total San ISIP: 4,66	head Rate: 39.1 BP sure: 6779 PSI. Ma: Rate: 25.2 BPM. M Id in Formation: 198	iver 70 Q foam frac. Load & Break @ 4287 PSI @ 5 BPN PM. Avg Slurry Rate: 16.2 BPM. Avg CO2 Rate: 21.2 BPN x Wellhead Rate: 40.4 BPM. Max Slurry Rate: 18.3 BPN Max Pressure: 7259 PSI. Total Fluid Pumped: 38,706 gal. 3,200 lb.(20/40 White) Linde CO2 Downhole & 259 ton. ent: 0.91 psi/ft. Successfully flushed wellbore with 50Q for lal. fluid cap.
3.00	13:30	PFRT	Perfora	ating		short jt. rt 7927-792	un to setting depth s 9, 7904-7906, 7888	iver. PU HES CFP with 10 ft. perf guns. RIH correlate to set CFP @ 7960ft. PU . Pressure up casing. Perforate @ 3-7890, 7808-7810, 7769-7771, 3 SPF, 120 phasing, 23 OOH turn well over to frac.
						Got stuck	on second shot ha	d to flow and work finally came loose, finish shooting.
2.00	15:30	FRAC	Frac. J	ob		Had to sv	vap out fluid pump o	due to hydrulic hose leak.
						BPM. Avg BPM. Avg BPM. Ma gal. Total ton. ISIP:	g Wellhead Rate: 36 g Pressure: 6570 PS x CO2 Rate: 24.8 B Sand in Formation:	iver 70 Q foam frac. Load & Break @ 6668 PSI @ 17.5 6.6 BPM. Avg Slurry Rate: 15.3 BPM. Avg CO2 Rate: 21. Sl. Max Wellhead Rate: 40.6 BPM. Max Slurry Rate: 18.9 3PM. Max Pressure: 7639 PSI. Total Fluid Pumped: 36,64: 156,400 lb.(20/40 White) Linde CO2 Downhole & 216 radient: 0.83 psi/ft. Successfully flushed wellbore with 50 000 gal. fluid cap.
	15:30					WSI well	secure	
Point	#6-31	D-12-	17 2	/19/2012 06	S:00 -	2/20/20	12 06:00	
· · · · · · · ·							Well Status	Total Depth (ftKB) Primary Job Type
60000					West 7	<b>Tavaputs</b>		8,370.0 Drilling & Completion
Dur (hr)	End Time			Category				Com
0.50	06:30 08:00	PFRT				Cutters E short jt. ru 7644-764	I stage 3 Dark Cany un to setting depth s 6, 7630-7632, 7612	yon. PU HES CFP with 8 ft. perf guns. RIH correlate to set CFP @ 7710 ft. PU . Pressure up casing. Perforate @ 2-7614, 7598-7600, 3 SPF, 120 phasing, 23 gram charge over to frac
60000 Dur (hr)	End 1	Time	State/Province  Fime Code  O SMTG	State/Province  Fime Code O SMTG Safety	State/Province County  Time Code Category  O SMTG Safety Meeting	State/Province County Field Nat West 7  Fine Code Category Category SMTG Safety Meeting	State/Province   County   Field Name   West Tavaputs	West Tavaputs

# B) Bill Barrett Corporation

Time Log		Fad Tier	0-4-	l Coto				0	
08:00	Dur (hr) 1.00	09:00	FRAC	Frac. Job	B B B 9	BPM. Avg BPM. Avg BPM. Max al. Total 89 ton. IS	rac stage3 Dark Canyon 70 G Wellhead Rate: 38.6 BPM. A Pressure: 6511 PSI. Max W CO2 Rate: 24.8 BPM. Max I Sand in Formation: 140,300 I BIP: 3,104 PSI. Frac Gradien 50 bbl over flush with 1000 g	Avg Slurry Rate: 15.5 B ellhead Rate: 40 BPM. Pressure: 7165 PSI. To b.(20/40 White) Air Liq t: 0.85 psi/ft. Success	PM. Avg CO2 Rate: 21.6 Max Slurry Rate: 18.3 otal Fluid Pumped: 28,963 uide CO2 Downhole &
09:00	1.50	10:30	PFRT	Perforating	s 7	hort jt. ru 528-7532	stage 4 Dark Canyon. PU He n to setting depth set CFP @ 2, 7512-7514, 7498-7500, 3 s n well over to frac.	7570 ft. PU . Pressure	e up casing. Perforate @
10:30	1.00	11:30	FRAC	Frac. Job	B 1 B g	BPM. Avg 8.9.BPM BPM. Max al. Total SIP: 3,29	rac stage 4 Dark Canyon 70 ( Wellhead Rate: 33.7 BPM. A . Avg Pressure: 6003 PSI. Ma . CO2 Rate: 21.7 BPM. Max I Sand in Formation: 86,200 lb 8 PSI. Frac Gradient: 0.88 ps er flush with 1000 gal. fluid ca	avg Slurry Rate: 13.5 B ax Wellhead Rate: 35 I Pressure: 6645 PSI. To .(20/40 White) Linde ( si/ft. Successfully flush	PM. Avg CO2 Rate: BPM. Max Slurry Rate: 16 otal Fluid Pumped: 19,813 CO2 Downhole & 126 ton.
11:30	1.50	13:00	PFRT	Perforating	s	hort jt. ru 197391-73	stage 5 Dark Canyon. PU Hi n to setting depth set CFP @ 193, 7369-7371, 7341-7343, ge350 holes. POOH turn w	7440 ft. PU . Pressure 7312-7314, 7226-7228	up casing. Perforate
13:00	1.50	14:30	FRAC	Frac. Job	B A M T	SPM. Avg vyg Press vlax CO2 otal Sand SIP: 3,07	rac stage5 North Horn 50 Q f Wellhead Rate: 39.3 BPM. A sue: 5217 PSI. Max Wellhead Rate: 24.9 BPM. Max Pressu d in Formation: 182,200 lb.(20 7 PSI. Frac Gradient: 0.86 ps or flush with 1000 gal. fluid ca	Avg Slurry Rate: 21.4 B Rate: 41.2 BPM. Max ure: 6675 PSI. Total Flu 0/40 White) Linde CO2 si/ft. Successfully flush	PM. Avg CO2 Rate: 16.2 Slurry Rate: 26.4 BPM. uid Pumped: 50,622 gal. 2 Downhole & 190 ton.
14:30	15.50	06:00	LOCL	Lock Wellhead & Secure	V	VSI well s	secure		
Peter's	s Point	#6-31	D-12-	17 2/20/2012 06:	00 - 2/2	21/20	12 06:00		
43007501 Time Log	160000		tate/Provinc		Field Name West Tava		Well Status	Total Depth (ftKB) 8,370.0	Primary Job Type  Drilling & Completion

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43007501160000		***	West Tavaputs		8,370.0	Drilling & Completion

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	LOCL	Lock Wellhead & Secure	SICP: 250
12:30	1.50	14:00	PFRT	Perforating	Cutters EI stage 6 North Horn. PU HES CFP with 8 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ ft. PU./ Pressure up casing. Perforate @ 6823-6825, 6772-6774, 6648-6650 & 6619-6621, 3 SPF. 120 phasing. 23 gram charge350 holes. POOH turn well over to frac.
14:00	0.25	14:15	SMTG	Safety Meeting	Safety meet. Fracs. CO2, Wirel line. Flow back, Moving equip. pressure lines.
14:15	1.00	15:15	FRAC	Frac. Job	HES frac stage 6 North Horn 50Q foam frac. Load & Break @4522 PSI @ 17.3 BPM. IFS shut down in frac van. shut down frac.
15:15	1.00	16:15	FRAC	Frac. Job	HES frac stage 6 North Horn 50Q foam frac. Extended pad stage. 3000 gal. Avg Wellhead Rate: 39.3 BPM. Avg Slurry Rate:22.3 BPM. Avg CO2 Rate:15.4 BPM. Avg Pressure:6070 PSI. Max Wellhead Rate:4 1.1 BPM. Max Slurry Rate:26.3 BPM. Max CO2 Rate:24.3 BPM. Max Pressure: 7449 PSI. Total Fluid Pumped: 38,548 gal. Total Sand in Formation: 132,200 lb.(20/40 White) Air Liquide CO2 Down hole:160 ton. CO2 Cooldown: 8 ton. ISIP: 2,988 PSI. Frac Gradient:0.89 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 1000 gal. fluid cap.
16:15	1.25	17:30	PFRT	Perforating	Cutters El stage 7 North Horn. PU HES CFP with 8 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ Ft. PU. Pressure up casing. Perforate @ 6502-6504, 6487-6489, 6406-6408, 6392-6394. 3 SPF. 120 phasing. 23 gram charge350 holes. POOH turn well over to frac.
17:30	1.00	18:30	FRAC	Frac. Job	HES frac stage 7 North Horn 50Q foam frac. Load & Break @ 4058 PSI @ 17.3 BPM. Avg Wellhead Rate:34.3 BPM. Avg Slurry Rate:18.8 BPM. Avg CO2 Rate:14 BPM. Avg Pressure:5052 PSI. Max Wellhead Rate:35.9 BPM. Max Slurry Rate: 23 BPM. Max CO2 Rate: 21.5 BPM. Max Pressure:6132 PSI. Total Fluid Pumped;28,529 Gal. Total Sand in Formation:92,100 lb. (20/40 White) Linde CO2 Downhole:97 ton. CO2 Cooldown:4 ton. ISIP:2,936 PSI. Frac Gradient: 0.90 psi/ft. Successfully Flushed wellbore with 50Q foam 50 bbl over flush with 1000 gal. fluid cap.
18:30	1.25	19:45	PFRT	Perforating	Cutters EL stage 8 Mid. Wasatch. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 5850 ft. PU. Pressure up casing. Perforate @ 5815-5817, 5792-5794, 5740-5742, 5722-5724 & 5692,5694. 3 SPF, 120 phasing. 23 gram charge350 holes. POOH turn well over to frac.

www.peloton.com Page 2/3 Report Printed: 3/5/2012



15.50 06:00 FBCK

Flowback Well

14:30

Time Lo	g														
Start Time	Dur (hr)	End Time	Code	Ca	itegory			Com							
19:45	1.25	21:00	FRAC	Frac. Job		HES frac stage 8 Middle Wasatch 40Q foam frac. Load & Break @3058 PSI @ 17.5 BPM. Avg Wellhead Rate:39.6 BPM. Avg Slurry Rate:24.7 BPM. Avg CO2 Rate: 13.2 BPM. Avg Pressure: 4154 PSI. Max Wellhead Rate: 41.5 BPM. Max Slurry Rate: 30.2 BPM. Max CO2 Rate:25.2 BPM. Max Pressure: 5058 PSI. Total Fluid Pumped:52,374 gal. Total Sand in Formation:166,200 lb.(20/40 White) Linde CO2 Downhole:138 ton. CO2 Cooldown:4 ton. ISIP:2,297 PSI. Frac Gradient:0.84 psi/ft, Successfully flushed wellbore with 40Q foam 10 bbl over flush with 500 gal. fluid cap.									
21:00	2.00	23:00	SRIG	Rig Up/Down		SI. rig HE	S & Cutters off well								
23:00	7.00	06:00	FBCK	Flowback Well		Flow back	stages 1-8 thru. Cathedral f	low equip. Total Bl	BLs to	recover:					
Peter	's Point	#6-31	D-12-	17 2/21/20	12 06:00 - 2	/22/20	12 06:00								
API/UWI		s	tate/Provinc	e County	Field Name	9	Well Status	Total Depth (ftKB)		Primary Job Type					
4300750	1160000		- 117		West Ta	vaputs	3.6 3.6 3.6	8,	,370.0	Drilling & Completion					
Time Lo	g														
Start Time	Dur (hr)	End Time	Code		tegory			Com							
06:00	6.00	12:00	FBCK	Flowback Well			stages 1-8 FCP: 560 psi on CO2 over 40%. H2S:;1 ppm								
12:00	18.00	06:00	FBCK	Flowback Well		Flow stag	es 1-8								
Peter	's Point	#6-31	D-12-	17 2/22/20	12 06:00 - 2	/23/20	12 06:00								
API/UWI 4300750	1160000	S	tate/Provinc	e County	Field Name West Ta		Well Status	Total Depth (ftKB) 8,		Primary Job Type Drilling & Completion					
Time Lo	g														
Start Time	Dur (hr)	End Time	Code	Ca	itegory			Com							
06:00	6.00	12:00	FBCK	Flowback Well			stages 1-8 FCP: 800 psi oi i. CO2: 40%. H2S: 1 ppm.								
12:00	2.50	14:30	FBCK	Flowback Well		Flow back	(								

turn casing gas to production sales

www.peloton.com Page 3/3 Report Printed: 3/5/2012

	07477 07 117411		FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		
	DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU03333
SUNDF	RY NOTICES AND REPORTS ON	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly dec reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME: PETERS POINT
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 6-31D-12-17
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007501160000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		HONE NUMBER: 3 312-8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2372 FSL 1090 FEL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 6 Township: 12.0S Range: 16.0E Meridian	: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOF	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
9/30/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:			
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
DRILLING REPORT	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
This sundry is to Poi	completed operations. Clearly show all preport that the pit used for this nt 9-36 pad was closed on 9/3	s well on the Peters 30/12.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 04, 2012
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		<b>DATE</b> 10/3/2012	

Form 3160-4 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137

			BUREA	UOFL	ANE	MANA						ł			y 31, 2010
	WELL	COMP	LETION (	OR RE	COI	MPLET	ION R	EPOR	T AND LO	G		5. L	ease Scrial JTU03333	No.	
la. Type o	of Well [	Oil Wo	ll 🛭 🔀 Gas	Well	<b>0</b> [	ry 🛘	Other			-		6. 11	Indian, Al	lottee o	or Tribe Name
b. Type o	of Completion	_	New Well her	☐ Woi	rk Ov	er 🛮	Deepen	☐ Pk	ig Back 🔲	Diff. R	lesvr.	7. U	nit or CA /	Agreem	ent Name and No.
2. Name o	f Operator					Contact:	MEGAN	FINNE	3AN				case Name		ell No.
	SARRETT C				กกิกกด	egan@bi						<u> </u>	ETERS P	OINT	UNIT FEDERAL 6-31D-12-1
	DENVER	CO BO					Pi	1: 303-29		a code)	) 	<u> </u>	PI Well No		43-007-50116
4. Locatio	Sec 3	6 T12S	ition clearly at R16E Mer SI SL 1090FEL	nd in acc _B	ordan	ice with F	ederal re	quirement	(s)*				ETERS P	TAIO	Exploratory
	prod interval	reported	below SEN	W 2009	S R1 9FNL	7E Mer S 1778FW	SLB /L					11.	Sec., T., R., r Arca Se	, M., or c 36 T	Block and Survey 12S R16E Mer SLB
	Se	c 31 T12	S RIKE Mer OFNL 1945F	SIB			Maf						County or F	Parish	13. State UT
14. Date S 11/15/	oudded		15. D	ate T.D. /10/201	Reac		101	16. Dat	te Completed & A 🔀 Rea 23/2012	idy to P	rod.		Elevations (	DF, K 32 GL	B, RT, GL)*
18. Total I	Depth:	MD TVD	8370 7043	-	19.	Plug Back	T.D.:	MD TVD	8316 6989		20. De	pth Bri	dge Plug S		MD
21. Type I	Electric & Ot			un (Subr	nit co	py of cacl	h)	140		. Was v	vell core	d?	<b>52</b> No		TVD s (Suhmit analysis)
	-		anical Logs R							Was I	OST run' tional Su	rvey?	No No No	Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)
		ora (Kej	ort all strings	set in w		Bottom	Stock	Cemente	r No. of Sk	0.	G1	. 17-1			
Hole Size			Wt. (#/fl.)	(MD	))	(MD)		Depth	Type of Co		Slurry (BE		Cement	Top*	Amount Pulled
12.250		O CONE	1		0		40	4000		0	+			0	
7.87	<del></del>	625 J-56 00 P-110			0 301	104 83		1025 8360		420 1730		110 496		0 98	15000
										1730		430		30	15000
					_										
24. Tubing	Record		<u> 1</u>		i										
Size	Depth Set (N	AD)	Packer Depth	(MD)	Siz	e De	pth Set (	MD)	Packer Depth (	MD)	Size	De	pth Set (M	D)	Packer Depth (MD)
25. Produci	ing Intervals					2	6. Perfor	ation Rec	ord	!					
F	ormation		Тор		Bot	tom		Perforated	Interval		Size	1	lo. Holes		Perf. Status
<u>A)</u>		ATCH		5692		7393			5692 TO 7	393	0.3	50	108	OPE	N
B) C)	MESAVI	ERDE		7498		8234			7498 TO 8	234	0.3	50	114	OPE	<u>N</u>
D)				_						-		+		├	
	racture, Trea	lment, Co	ment Squeeze	, Etc.										_	
	Depth Interv								mount and Ty	pe of M	aterial				
			7393 SEE TR	***************************************	-					·	······································				
		190 10 0	3234 SEE TR	EXTIMEN	11 30	INNAME	HAGES	1 - 4							
						• • • • • • • • • • • • • • • • • • • •			· · · · · · · · · · · · · · · · · · ·						
	ion - Interval														
Date First Produced 02/23/2012	Test Date 02/28/2012	Hours Tested 24	Test Production	Oil BBL.		ias ICF	Water BBL	Corr.	Pravity API	Gas Gravity		Producti	on Method		
Choke	Tbg. Press.	Cig.	24 Hr.	O:0		4012.0 ias	106. Water	Gasc	<b>D</b> ii	Well St	etus		FLOV	A2 LK	DM WELL
Size 50/64	Flwg. SI	Press 300.0	Rate	BBL O		1CF 4012	8BL 106	Ratio		1	GW				151 100
	tion - Interve					7012	1 ,00			<u> </u>			<del></del>		RECEIVED "
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		ias ICF	Water BBL	Oil C	itavity	Gas Gravity		Producti	on Method		
			$\triangle$		_	<del> </del>									MAR 1 5 2012
Choke Size	Tbg. Press. Fiwg. SI	Csg. Press	24 Hr. Rate	Oil BBL		ias ICF	Water BBL	Gas.( Ratio		Well St	atus			-5.*	OF OIL GAS & MINING

<sup>(</sup>See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #133117 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

	duction - Interv				1							
Date First Produced	Test Date	Hours Tested	Production	Oil BBL	GAS MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method		
Choke Size	Tbg Press Flwg SI	Crg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gaz-Orl Ratio		Well Status			
28c. Proc	duction - Interv	al D			·	<u> </u>						
Date First Produced	Test Date	Hours Tested	Test Production	Oil ABL	Gas MCF	Water BBI.	Oil Gravity Corr. API		Gas Gravity	Production Method		
Chake Size	The Fress. Flws. Si	Cag. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	,	Well Status			
29. Dispo	osition of Gas(S D	old, used fo	or fuel, vent	ed, etc.)			***		·			
Show tests,	mary of Porous  viall important a including depti ecoveries.	ones of no	rosity and co	ontents there	of: Cored in tool open.	ntervals and a flowing and	ali drill-stem shut-in pressures		31. Fon	mation (Log) Ma	arkers	
	Formation		Тор	Bottom		Description	is, Contents, etc.			Name		Top Meas, Depth
TOC	ional remarks ( was calculate & 3.3/4 hole si hole size was	d by CBL.	First sales	: was an 2/	23/2012 (tom of suri	Conductor w face casing	vas camented w to 6425' then	vith	NO DAI	SATCH RTH HORN RK GANYON CE RIVER		3301 5928 7489 7659 8370
i. Ele	enclosed attack extrical/Mechan andry Notice for	ical Logs (				. Geologic F	•		3. DST Repo	ort	4. Direction	al Survey
34. I herel	by certify that t	ne foregoin		nic Submis	slon #1331	17 Verified i	ect as determined by the BLM We PRATION, sent	ll Infe	ormation Sys		ched instruction	ns):
Name	(please print)	MEGAN FI	NNEGAN			···	Title <u>PE</u>	RMIT	ANALYST			
Signat	ture	Electropic	Submosio	n. ‡	<u> </u>	j	) Date <u>03/</u>	15/20	012			
Title 18 U of the Uni	I.S.C. Section 1 ted States any i	001 and Tu alse, fictitie	ile 43 U.S.C ous or fradu	. Section 12 lent stateme	12, make it into	a crime for a sentations as	ny person knowi to any matter wit	ngly a thin it	and willfully to s jurisdiction.	o make to any de	partment or ag	ency

### Peters Point Unit Federal 6-31D-12-17 Completion Report Continued\*

44. ACID, FI	RACTURE, TREATME	NT, CEMENT SQUEEZE, ETC. (cont.)							
AMOUNT AND TYPE OF MATERIAL									
<u>Stage</u>	Bbls Slurry	lbs 20/40 White Sand							
1	1,135	198,200							
2	922	156,400							
3	841	140,300							
4	565	86,200							
5	1,402	182,200							
6	1,060	132,200							
7	779	92,100							
8	1,426	166,200							

<sup>\*</sup>Depth intervals for frac information same as perforation record intervals.

**RECEIVED** 

MAR 1 5 2012

DIV. OF OIL, GAS & MINING



RECEIVED

MAR 1 5 2012

DIV. OF OIL, GAS & MINING

6000

6500

7000

Bark Canyon

Price River Sand

500

1000

1500

Vertical Section at 72.70° (1000 usft/in)

Project: Carbon Co., UT (NAD27) Site: Sec.36-T12S-R18E Well: Peter's Point #8-31D-12-17 Wellbore: Wellbore #1 Design: Design #1 Latitude: 39° 43' 48-488 N Longitude: 110° 3' 59.606 W Ground Level: 6735.00 WELL @ 6750.00usft



#### PROJECT DETAILS: Carbon Co., UT (NAD27)

Geodetic System: US State Plane 1927 (Exact solution) Datum: NAD 1927 (NADCON CONUS) Ellipsoid: Clarke 1865 Zone: Utah Central 4302

System Datum: Mean Sea Level

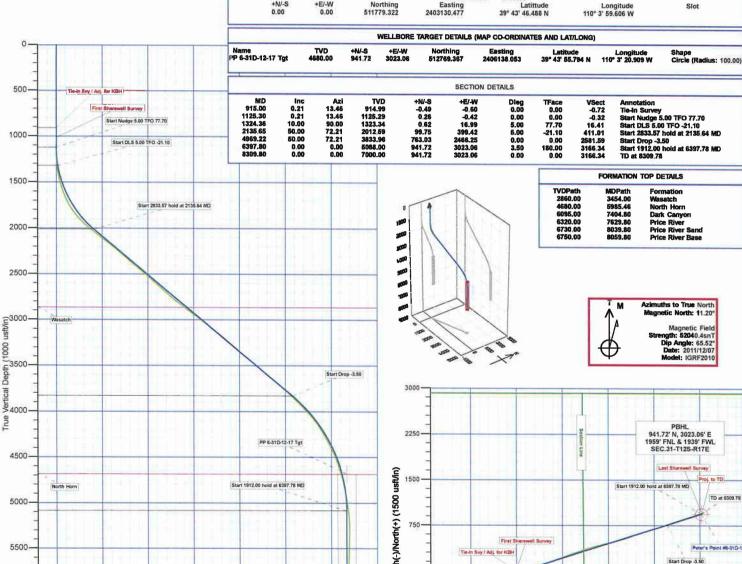
#### REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Peter's Point #S-\$1D-12-17, True North Vertical (TVD) Reference: WELL @ 5750.00usft Section (VS) Reference: Stot - (0.00N, 0.00E) Measured Depth Reference: WELL @ 5750.00usft Calculation Method: Minimum Curvature

Slot

#### WELL DETAILS: Peter's Point #6-31D-12-17

6735.00 +N/-S 0.00 +E/-W 0.00 Northing Latittude Easting 2403130.477 39° 43' 46,488 N 511779,322



TO at 8309.78

3000

3500

2500

2000

South(-)/North(+) (1500 usft/in) TD at 8309.78 Peter's Point #8-310-12-17 Start Drop -3.50 Start 2833 57 hold at 2135 54 MD Start DLS 5.00 TFO -21,10 Start Nudge 5.00 TFO 77.70 SHL 2372' FSL & 1090' FEL SEC.36-T12S-R16E -1500 -750 West(-)/East(+) (1500 usft/in)

Plan: Design #1 (Peter's Point #6-31D-12-17/Wellbore #1)

Created By: Bret Wolford Date: 8:47, January 10 2012



# Bill Barrett Corp.

Carbon Co., UT (NAD27) Sec.36-T12S-R16E Peter's Point #6-31D-12-17

Wellbore #1

Design: Wellbore #1

# **Standard Survey Report**

10 January, 2012

RECEIVED

MAR 1 5 2012

DIV. OF OIL, GAS & MINING





### Sharewell Energy Services, LP

Survey Report



Company:

Bill Barrett Corp.

Project: Site:

Carbon Co., UT (NAD27) Sec.36-T12S-R16E

Well:

Peter's Point #6-31D-12-17

Wellbore: Design:

Wellbore #1

Wellbore #1

Local Co-ordinate Reference:

**TVD Reference:** 

WELL @ 6750.00usft WELL @ 6750.00usft

**MD** Reference: North Reference:

**Survey Calculation Method:** 

Database:

Minimum Curvature

True

EDM 5000.1 Single User Db

Well Peter's Point #6-31D-12-17

**Project** 

Carbon Co., UT (NAD27)

Map System:

US State Plane 1927 (Exact solution)

Geo Datum: Map Zone:

NAD 1927 (NADCON CONUS)

Utah Central 4302

System Datum:

Mean Sea Level

Site

From:

Sec.36-T12S-R16E

Site Position:

Lat/Long

Northing: Easting:

511,764.712 usft 2,403,123.942 usft

Latitude: Longitude: 39° 43′ 46.345 N

**Position Uncertainty:** 

0.00 usft

Slot Radius:

13-3/16"

Grid Convergence:

110° 3' 59.693 W 0.92

Well

Peter's Point #6-31D-12-17

**Well Position** 

+N/-S +E/-W 0.00 usft 0.00 usft

Northing: Easting:

511,779.322 usft 2,403,130,477 usft

11.20

Latitude: Longitude: 39° 43' 46,488 N 110° 3' 59,606 W

Position Uncertainty

0.00 usft

Wellhead Elevation:

usft

**Ground Level:** 

65.52

6,735.00 usft

52,040

Wellbore

Wellbore #1

Wellbore #1

Magnetics

**Model Name** 

Sample Date

Declination (°)

**Dip Angle** (°)

Field Strength

(nT)

IGRF2010

Design

**Audit Notes:** Version:

1.0

Phase:

**ACTUAL** 

Tie On Depth:

0.00

Vertical Section:

Depth From (TVD)

2011/12/07

+N/-S

+E/-W

Direction

(usft) 0.00

(usft) 0.00

(usft) 0.00

(°) 86.36

**Survey Program** 

2012/01/10 Date

From (usft)

To (usft)

Survey (Wellbore)

**Tool Name** 

Description

115.00 915.00

915.00 Survey #1 (Wellbore #1) 8,370.00 Survey #2 (Wellbore #1) NS-GYRO-MS MWD

North sensing gyrocompassing m/s

MWD - Standard

Survey

Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (usft)	inclination (°)	Azimuth (°)	Depth (usft)	+N/-S (usft)	+E/-W (usft)	Section (usft)	Rate (°/100usft)	Rate (°/100usft)	Rate (°/100usft)
0.00	0.00	0.00	0,00	0.00	0.00	0.00	0.00	0.00	0.00
115.00	0.47	194.60	115.00	-0.46	-0.12	-0.15	0.41	0.41	0.00
215.00	0.35	72.10	215.00	-0.76	0.07	0.02	0.72	-0.12	-122.50
315.00	0.43	187.32	315.00	-1.04	0.31	0.24	0.66	0.08	115.22
415.00	0.47	228.88	414,99	-1.68	-0.05	-0.15	0.32	0.04	41.56
515.00	0.28	282.49	514.99	-1.90	-0.59	-0.71	0.38	-0.19	53.61
615.00	0.26	347.02	614.99	-1.62	-0.88	-0.98	0.29	-0.02	64.53
715.00	0.23	31.26	714.99	-1.23	-0.83	-0.91	0.19	-0.03	44.24
815.00	0.23	12.29	814.99	-0.86	-0.68	-0.74	0.08	0.00	-18.97
Tie-In Svy /	Adj. for KBH								
915.00	0.21	13,46	914.99	-0.49	-0.60	-0.63	0.02	-0.02	1,17



### Sharewell Energy Services, LP

Survey Report



Company: Project: Bill Barrett Corp.

Site:

Carbon Co., UT (NAD27) Sec.36-T12S-R16E

Site:

Peter's Point #6-31D-12-17

Wellbore: Design: Wellbore #1

Local Co-ordinate Reference:

TVD Reference:

WELL @ 6750,00usft

MD Reference:

WELL @ 6750.00usft

North Reference:

Survey Calculation Method:

Minimum Curvature

True

Database:

EDM 5000.1 Single User Db

Well Peter's Point #6-31D-12-17

1.2				
10				22.
18	ш	rv	_	٧,

Depth (usft)	Inclination								
(usff)	memadon	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate
	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(°/100usft)	(°/100usft)	(°/100usft)
First Sharewe	ell Survev								
1,024.00	0.21	13.46	1,023.99	-0.10	-0.50	-0.51	0.00	0.00	0.00
1,063.00	0.40	74.00	1,062.99	0.01	-0.36	-0.36	0.89	0.49	
1,158.00	0.50	119.30							155.23
			1,157.98	-0.10	0.32	0.32	0.38	0.11	47.68
1,252.00	4.60	128.00	1,251.87	-2.63	3.65	3.48	4.37	4.36	9.26
1,347.00	9.10	108.20	1,346.18	-7.32	13,80	13.31	5.28	4.74	-20.84
1,442.00	13.60	99.40	1,439.31	-11.49	31.96	31.17	5.06	4.74	-9.26
1,537.00	17.10	89.10	1,530.92	-13.10	56.96	56.02	4.66	3.68	
1,632.00	21.60	83.20	1,620.54						-10.84
				-10.81	88.31	87.44	5.16	4.74	-6,21
1,727.00	27.20	74.70	1,707.05	-3.00	126.66	126.21	6.94	5.89	-8.95
1,822.00	33.80	70.90	1,788.86	11.39	172,62	173.00	7.23	6.95	-4.00
1,917.00	40.00	69.30	1,864.80	30,85	226.21	227.71	6.60	6.53	-1.68
2,012.00	46.60	69.30	1,933.90	53.87	287.12	289.96	6.95	6.95	0.00
2,107.00	51.40	70.10	1,996.21	78.72	354.35	358.63			
							5.09	5.05	0.84
2,202.00	51.80	71.00	2,055.22	103.51	424.55	430.27	0.85	0.42	0.95
2,297.00	52,30	70.40	2,113.64	128.27	495.25	502.40	0.72	0.53	-0.63
2,392.00	52.90	71.30	2,171.34	153.02	566.55	575,12	0.98	0.63	0.95
2,487.00	49.90	69.90	2,230.60	177.66	636.57	646.56	3.36	-3.16	-1.47
2,582.00	49.00	69.70	2,292.36	202.58	704.31	715.75	0.96	-0.95	
2,677.00	48.40	70.10							-0.21
			2,355.06	227.11	771.34	784.20	0.71	-0.63	0.42
2,772.00	50.40	69.50	2,416.88	252.02	839.02	853.33	2.16	2.11	-0.63
2,866.00	49.60	70.00	2,477.31	276.95	906.58	922.33	0.94	-0.85	0.53
2,961.00	49.00	68.40	2,539.26	302.52	973.91	991.14	1.42	-0.63	-1.68
3,056.00	48,80	71,10	2,601.71	327.29	1,041.06	1,059.73	2.15		
3,151.00	47.70	70.40	,					-0.21	2.84
3,246.00	48.30	72.30	2,664.97 2,728.54	350.66 373.23	1,107.97	1,127.99	1.28	-1.16	-0.74
			2,720.34	3/3.23	1,174.86	1,196.18	1.61	0.63	2.00
3,341.00	51.40	74.50	2,789.79	393.94	1,244.44	1,266.93	3.71	3.26	2.32
3,436.00	53.00	76.30	2,848.02	412.84	1,317.07	1,340.62	2.25	1.68	1.89
3,581.00	53.00	75.90	2,935.29	440.66	1,429.48	1,454.57	0.22	0.00	-0.28
3,626.00	53.00	76.90	2,962.37	449.11	1,464.41	1,489.97	1.77	0.00	2.22
3,721.00	52,50	76,70	3,019.87	466.38	1,538.04	1,564.54	0.55	-0.53	-0.21
						•			
3,816.00	51.90	74.50	3,078.10	485.04	1,610.74	1,638.27	1.94	-0.63	-2.32
3,911.00	50.30	71.80	3,137.76	506.45	1,681.49	1,710.24	2.78	-1.68	-2.84
4,004.00	50.30	71.90	3,197.17	528.74	1,749.48	1,779.51	0.08	0.00	0.11
4,099.00	49.50	71,20	3,258.36	551.73	1,818.41	1,849.76	1.01	-0.84	-0.74
4,194.00	48.90	71.80	3,320.43	574,55	1,886.61	1,919.27	0.79	-0.63	0.63
4,289.00	49.70	71.80	3,382.38	597.05	1,955.03	1,988.98	0.84	0.84	0.00
4,384.00	49.60	71.80	3,443.89	619.66	2,023.81	2,059.05	0.11	-0.11	0.00
4,479.00	50.00	71.10	3,505.21	642.74	2,092.60	2,129.17	0.70	0.42	-0.74
4,574.00	50.40	71.00	3,566.02	666.45	2,161.63	2,199.57	0.43	0.42	-0.11
4,669.00	50.30	71.80	3,626.64	689.78	2,230.95	2,270.23	0.66	-0.11	0.84
4,764.00	50.10	71.70	3,687.45	712.63	2,300.27	2,340.86	0.23	-0.21	-0.11
4,859.00	48.10	72.30	3,749.65	734.83	2,368.55	2,410.42	2.16	-2.11	0.63
4,954.00	46.90	71.70	3,813.83	756.47	2,435.17	2,478.27	1.35	-1.26	-0.63
5,049.00	45.40	71.50	3,879.64	778,09	2,500,17	2,544.51	1.59	-1.58	-0.21
5,143.00	43.70	72.20	3,946.63	798.64	2,562.83	2,608.35	1.88	-1.81	0.74
5,238.00	42.60	71.70	4,015.93	818.77	2,624.60	2,671.28	1.21	-1.16	-0.53
5,333.00	38.80	71.70	4,087.94	838.21	2,683.41	2,731.20	4.00	-4.00	0.00
5,428.00	33.40	71.70	4,164.67	855.78	2,736.53	2,785.33	5.68	-5.68	0.00
5,522.00	30,10	73.30	4,244.60	870.68	2,783.69	2,833.33	3.62	-3,51	1.70
5,617.00	27.30	72.70	4,327.92	884.01	2,827.31	2,877.72	2.96	-2.95	-0.63
5,712.00	25.70	73.30	4,412.93	896.41	2,867,85	2,918.96	1.71	-1.68	0.63
5,807.00	23.00	73.30	4,499.48	907.66	2,905.36	2,957.11	2.84	-2.84	0.00

### **Bill Barrett Corporation**

#### Sharewell Energy Services, LP

Survey Report



Company:

Bill Barrett Corp.

Project:

Carbon Co., UT (NAD27) Sec.36-T12S-R16E

Site: Well:

Peter's Point #6-31D-12-17

Wellbore:

Wellbore #1

Design:

Wellbore #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference: Survey Calculation Method:

Database:

Well Peter's Point #6-31D-12-17

WELL @ 6750.00usft

WELL @ 6750.00usft

True

Minimum Curvature

EDM 5000.1 Single User Db

Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (usft)	Inclination (°)	Azimuth (°)	Depth (usft)	+N/-S (usft)	+E/-W (usft)	Section (usft)	Rate (°/100usft)	Rate (°/100usft)	Rate (°/100usft)
5,997.00	15.50	76,90	4,678,75	924.75	2,965.48	3,018,19	4.04	-3.89	3.58
6,092.00	13.60	74.70	4,770.70	930.58	2,988.62	3,041.65	2.08	-2.00	-2.32
6,187.00	10.60	70.60	4,863.58	936.43	3,007.64	3,061.01	3.28	-3.16	-4.32
6,282.00	9.00	70.90	4,957.19	941.76	3,022.90	3,076.58	1.69	-1.68	0.32
6,377.00	8.20	67.10	5,051.13	946.83	3,036.16	3.090.14	1.03	-0.84	-4.00
6,472.00	7.10	44.70	5,145.30	953,64	3,046.54	3,100.92	3.32	-1.16	-23.58
6,567.00	2.20	16.80	5,239.97	959.57	3,051.20	3,105.95	5.53	-5.16	-29.37
6,662.00	2.10	268.80	5,334.93	961.28	3,049.98	3,104.84	3.66	-0.11	-113.68
6,755.00	1.80	263.70	5,427.88	961.08	3,046.83	3,101.68	0.37	-0.32	-5.48
6,850.00	1.60	265.20	5,522.83	960.80	3,044.02	3,098.87	0.22	-0.21	1.58
6,945.00	1.10	268.30	5,617.81	960.67	3,041.79	3,096.63	0.53	-0.53	3.26
7,040.00	0.90	254.90	5,712.79	960.45	3,040.16	3,094.99	0.32	-0.21	-14.11
7,135.00	0.70	272.00	5,807.78	960.27	3,038.86	3,093.68	0.33	-0.21	18,00
7,230.00	0.40	301.10	5,902.78	960.46	3,037.99	3,092.83	0.42	-0.32	30.63
7,325.00	0.40	307.00	5,997.78	960.83	3,037.44	3,092.30	0.04	0.00	6.21
7,420.00	0.10	307.20	6,092.78	961.08	3,037.11	3,091.99	0.32	-0.32	0.21
7,515.00	0.40	244.30	6,187.78	960.99	3,036.75	3,091.62	0.38	0.32	-66.21
7,610.00	0.30	164.40	6,282.77	960.61	3,036.52	3,091.36	0.48	-0.11	-84.11
7,705.00	0.40	214.00	6,377.77	960.09	3,036.40	3,091.21	0.32	0.11	52.21
7,800.00	0.90	213.00	6,472.77	959.19	3,035.81	3,090.56	0.53	0.53	-1.05
7,894.00	1.10	182.10	6,566.75	957.67	3,035.37	3,090.03	0.60	0.21	-32.87
7,989.00	1.10	199.70	6,661.74	955.90	3,035.03	3,089.58	0.35	0.00	18.53
8,084.00	1.40	163.50	6,756.71	953.93	3,035.05	3,089.48	0.87	0.32	-38.11
8,179.00	1.80	171.70	6,851.68	951.34	3,035.60	3,089.86	0.48	0.42	8.63
8,273.00	2.10	188.40	6,945.62	948.18	3,035.56	3,089.62	0.68	0.32	17.77
Last Sharew	•								
8,320.00	2.20	188.90	6,992.59	946.43	3,035.29	3,089.24	0.22	0.21	1.06

Design Annot	tations				
	Measured	Vertical	Local Coo	rdinates	
	Depth (usft)	Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
	915.00	914.99	-0.49	-0.60	Tie-In Svy / Adj. for KBH
	1,024.00	1,023.99	-0.10	-0.50	First Sharewell Survey
	8,320.00	6,992.59	946.43	3,035.29	Last Sharewell Survey
	8,370.00	7,042.55	944.54	3,035.00	Proj. to TD

Checked By:	Approved By:	Date:	

### Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)		Operator Name Change/Merger								
The operator of the well(s) listed below has change	ged, effecti	ive:	1/1/2014							
FROM: (Old Operator): N2165-Bill Barrett Corporation 1099 18th Street, Suite 230 Denver, CO 80202			TO: (New Operator): N4040-EnerVest Operating, LLC 1001 Fannin Street, Suite 800 Houston, TX 77002							
Phone: 1 (303) 312-8134			Phone: 1 (713) 659-3500							
CA No.			Unit: Peter Point							
	SEC TW	N RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS			
See Attached List							I			
OPERATOR CHANGES DOCUMENTA Enter date after each listed item is completed  1. (R649-8-10) Sundry or legal documentation wa  2. (R649-8-10) Sundry or legal documentation wa  3. The new company was checked on the <b>Departm</b> 4a. Is the new operator registered in the State of U  5a. (R649-9-2) Waste Management Plan has been re  5b. Inspections of LA PA state/fee well sites comple	s received s received nent of Co tah: ceived on: ete on:	from the	e NEW operator e, Division of Co Business Numb Not Yet Yes	on: orporation	1/7/2014 1/7/2014 s Database on: 8850806-0161		1/28/2014			
<ul> <li>5c. Reports current for Production/Disposition &amp; S</li> <li>6. Federal and Indian Lease Wells: The BL or operator change for all wells listed on Federal</li> <li>7. Federal and Indian Units:</li> </ul>	M and or t	the BIA	= =	e merger, na		BIA	_ N/A			
<ol> <li>Federal and Indian Units:         <ul> <li>The BLM or BIA has approved the successor</li> </ul> </li> <li>Federal and Indian Communization Agrange The BLM or BIA has approved the operator of the Underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced ("UIC" Inject, for the</li></ol>	reements for all well ) Division	s ("CA" s listed von has a	'): vithin a CA on: pproved UIC F	orm 5 Tra		ity to Yes	_			
<ol> <li>Changes entered in the Oil and Gas Database</li> <li>Changes have been entered on the Monthly Op</li> <li>Bond information entered in RBDMS on:</li> <li>Fee/State wells attached to bond in RBDMS on</li> <li>Injection Projects to new operator in RBDMS of</li> </ol>	erator Cl : on:		1/28/2014 oread Sheet on: 1/28/2014 1/28/2014 1/28/2014	- - -	1/28/2014					
<ul><li>6. Receipt of Acceptance of Drilling Procedures for</li><li>7. Surface Agreement Sundry from NEW operator</li><li>BOND VERIFICATION:</li></ul>					1/7/2014 1/7/2014	•				
<ol> <li>Federal well(s) covered by Bond Number:</li> <li>Indian well(s) covered by Bond Number:</li> <li>(R649-3-1) The NEW operator of any state/fe</li> <li>The FORMER operator has requested a release</li> </ol>				- - umber N/A	B008371					
LEASE INTEREST OWNER NOTIFIC  4. (R649-2-10) The NEW operator of the fee wells of their responsibility to notify all interest owner  COMMENTS:	has been o	contacte		by a letter fr 1/28/2014						

## Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040) Effective 1/1/2014 Peter Point Unit

				Peter Point L						,
Well Name	·					Mineral	Lease	Surface Lease	Well Type	Well Status
PPU FED 11-34D-12-16			160E			Federal		Federal	GW	APD
PPU FED 10-34D-12-16		120S	160E			Federal		Federal	GW	APD
PETERS POINT UF 15X-36D-12-16		120S	160E	4300750178	·	Federal		Federal	GW	APD
PETERS POINT UF 10-1D-13-16		120S	160E	4300750182		Federal		Federal	GW	APD
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183		Federal		Federal	GW	APD
PPU FED 9-34D-12-16	34		160E	4300731430	17225	Federal		Federal	GW	OPS
PPU FED 15-35D-12-16	35	120S	160E	4300731475		Federal		Federal	GW	OPS
PETERS POINT U FED 12A-6D-13-17	31	120S	170E	4300750034	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 11A-31D-12-17	31	120S	170E	4300750036	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 9-6D-13-17	6	130S	170E	4300750120	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 14-6D-13-17	6	130S	170E	4300750121	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 15-6D-13-17	6	130S	170E	4300750122	2470	Federal		Federal	GW	OPS
PETERS POINT UF 2-7D-13-17	6	130S	170E	4300750149	2470	Federal		Federal	GW	OPS
PETERS POINT UF 1-7D-13-17	6	130S	170E	4300750150	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 36-2		120S	160E	4300730761		Federal		Federal	GW	P
PETERS POINT U FED 36-3		120S	160E	4300730762		Federal		Federal	GW	P
PETERS POINT U FED 36-4		120S	160E	4300730763		Federal		Federal	GW	P
PETERS POINT U FED 14-25D-12-16		120S	160E	4300730764		Federal		Federal	GW	P
PETERS POINT U FED 4-31D-12-17	_	120S	160E	4300730810		Federal		Federal	GW	P
PETERS POINT U FED 16-26D-12-16		120S	160E	4300730812		Federal		Federal	GW	P
PETERS POINT U FED 6-7D-13-17		130S	170E	4300730859		Federal		Federal	GW	P
PETERS POINT U FED 16-35	_	120S	160E	4300730965		Federal		Federal	GW	P
PETERS POINT U FED 11-6-13-17		130S	170E	4300730982		Federal		Federal	GW	P
PETERS POINT U FED 16-6D-13-17		130S	170E	430073004		Federal		Federal	GW	P
PETERS POINT U FED 16-31D-12-17		130S	170E	4300731004		Federal		Federal	GW	P
PETERS POINT U FED 12-31D-12-17		120S	160E	4300731009		Federal		Federal	GW	P
PETERS POINT U FED 2-36D-12-16		120S	160E		-	Federal		Federal	GW	P
PETERS POINT U FED 9-36-12-16	_	120S	160E	4300731010		Federal		Federal	GW	P
PETERS POINT U FED 9-36-12-16  PETERS POINT U FED 8-35D-12-16	_	120S 120S	160E			Federal			GW	P
PETERS POINT U FED 4-12D-13-16		120S 130S	160E	4300731024				Federal	GW	P
PETERS POINT U FED 2-12D-13-16	_		170E	4300731049				State	GW	P
PETERS POINT U FED 10-36D-12-16	·	130S		4300731158				Federal		P
		120S	160E	4300731174		Federal		Federal	GW	
PETERS POINT U FED 12-36D-12-16		120S	160E	4300731175		Federal		Federal	GW	P
PPU FED 15-6D-13-17		130S		4300731261				Federal	GW	P
PP UF 3-36-12-16	+			4300731271				Federal	GW	P
PP UF 6-36-12-16		120S	160E	4300731272		Federal		Federal	GW	P
PPU FED 6-35D-12-16	-	120S	160E	4300731275		Federal		Federal	GW	P
PPU FED 8-34-12-16	<del> </del>	120S	160E	4300731279		Federal		Federal	GW	P
PPU FED 6-34D-12-16		120S	160E	4300731281		Federal		Federal	GW	P
PPU FED 7-1D-13-16 ULTRA DEEP	<del>}                                    </del>		170E	4300731293				Federal	GW	P
PPU FED 16-27-12-16	1	120S	160E	4300731318		Federal		Federal	GW	P
PPU FED 10-27D-12-16		120S	160E	4300731319		Federal		Federal	GW	P
PPU FED 2-34D-12-16		120S	160E	4300731320		Federal		Federal	GW	P
PPU FED 2-7D-13-17 DEEP		130S	170E	4300731326				Federal	GW	P
PPU FED 2-35D-12-16	35	120S	160E	4300731345	2470	Federal		Federal	GW	P
PPU FED 7-35D-12-16	35	120S	160E	4300731346	2470	Federal		Federal	GW	P
PPU FED 4-35D-12-16	35	120S	160E	4300731347	2470	Federal		Federal	GW	P
PPU FED 7-36D-12-16	36	120S	160E	4300731348	2470	Federal		Federal	GW	P
PPU FED 11-36D-12-16	36	120S	160E	4300731349	2470	Federal		Federal	GW	P
PPU FED 15-25D-12-16	36	120S	160E	4300731351	2470	Federal		Federal	GW	P
PPU FED 13-25D-12-16		120S	160E	4300731352		Federal		Federal	GW	P
PPU FED 4-36D-12-16	-	120S	160E			Federal		Federal	GW	P
PPU FED 1-35D-12-16		120S	160E	4300731365		Federal		Federal	GW	P
PPU FED 13-26D-12-16		120S	160E	4300731403		Federal		Federal	GW	P
PPU FED 15-26D-12-16	·	120S	160E	4300731404		Federal		Federal	GW	P
PPU FED 3-35D-12-16		120S		4300731404		Federal		Federal	GW	P
1101603-330-12-10	20	1400	TOOL	TJ00131403	24/0	Loucial		1 cuciai	UW	1

# Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040) Effective 1/1/2014 Peter Point Unit

Well Name	Sec TWN		API Number		Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 10-26D-12-16	26 120S	160E	4300731406		Federal	Federal	GW	P
PPU FED 11-26D-12-16	26 120S	160E	4300731407		Federal	Federal	GW	P
PPU FED 12-26D-12-16	26 120S	160E	4300731408		Federal	Federal	GW	P
PPU FED 11-27D-12-16	27 120S	160E	4300731409		Federal	Federal	GW	P
PPU FED 15-27D-12-16	27 120S	160E	4300731410		Federal	Federal	GW	P
PPU FED 9-27D-12-16	27 120S	160E	4300731411		Federal	Federal	GW	P
PPU FED 1-34D-12-16	34 120S	160E	4300731427		Federal	Federal	GW	P
PPU FED 7-34D-12-16	34 120S	160E	4300731428		Federal	Federal	GW	P
PPU FED 5-35D-12-16	34 120S	160E			Federal	Federal	GW	P
PPU FED 3-34D-12-16	34 120S	160E			Federal	Federal	GW	P
PPU FED 5-34D-12-16	34 120S	160E			Federal	Federal	GW	P
PPU FED 4-34D-12-16	34 120S	160E	4300731467		Federal	Federal	GW	P
		160E			Federal	Federal	GW	P
PPU FED 10-35D-12-16	35 120S		4300731474				GW	P
PPU FED 9-35D-12-16	35 120S	160E	4300731476		Federal	Federal		P
PETERS POINT U FED 9-26D-12-16	25 120S	160E	4300750021		Federal	Federal	GW	·
PETERS POINT U FED 11-25D-12-16	25 120S	160E	4300750022		Federal	Federal	GW	P
PETERS POINT U FED 10-31D-12-17	31 1208	170E	4300750023		Federal	Federal	GW	P
PETERS POINT U FED 11-31D-12-17	31 120S	170E	4300750024		Federal	Federal	GW	P
PETERS POINT U FED 13A-31D-12-17	31 120S	170E	4300750025		Federal	Federal	GW	P
PETERS POINT U FED 13-31D-12-17	31 120S	170E	4300750026		Federal	Federal	GW	P
PETERS POINT U FED 14-31D-12-17	31 120S	170E	4300750027		Federal	Federal	GW	P
PETERS POINT U FED 14A-31D-12-17	31 120S	170E	4300750028		Federal	Federal	GW	P
PETERS POINT U FED 12-25D-12-16	25 120S	160E	4300750029		Federal	Federal	GW	P
PETERS POINT U FED 12-6D-13-17	31 120S	170E			Federal	Federal	GW	P
PETERS POINT U FED 10-25D-12-16	25 120S	160E			Federal	Federal	GW	P
PETERS POINT U FED 13-36D-12-16	36 120S	160E	4300750037		Federal	Federal	GW	P
PETERS POINT U FED 15-36D-12-16	36 120S	160E		••••	Federal	Federal	GW	P
PETERS POINT U FED 11-1D-13-16	36 120S	160E	4300750039	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-1D-13-16	36 120S	160E	4300750040	2470	Federal	Federal	GW	P
PETERS POINT U FED 3A-34D-12-16	27 120S	160E	4300750063	2470	Federal	Federal	GW	P
PETERS POINT U FED 4A-34D-12-16	27 120S	160E	4300750064	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-27D-12-16	27 120S	160E	4300750065	2470	Federal	Federal	GW	P
PETERS POINT U FED 13-27D-12-16	27 120S	160E	4300750066	2470	Federal	Federal	GW	P
PETERS POINT U FED 13A-27D-12-16	27 120S	160E	4300750067	2470	Federal	Federal	GW	P
PETERS POINT U FED 14A-27D-12-16	27 120S	160E	4300750069	2470	Federal	Federal	GW	P
PETERS POINT U FED 5-31D-12-17	36 120S	160E	4300750109	2470	Federal	Federal	GW	P
PETERS POINT U FED 6-31D-12-17	36 120S	160E	4300750116	2470	Federal	Federal	GW	P
PETERS POINT U FED 9X-36D-12-16	36 120S	160E	4300750117	2470	Federal	Federal	GW	P
PETERS POINT U FED 1-36D-12-16	36 120S	160E	4300750118	2470	Federal	Federal	GW	P
PETERS POINT U FED 10-6D-13-17	6 130S	170E	4300750119	2470	Federal	Federal	GW	P
PETERS POINT U FED 15-31D-12-17	6 130S	170E	4300750123	2470	Federal	Federal	GW	P
PETERS POINT UF 12-5D-13-17	6 130S	170E	4300750151	2470	Federal	Federal	GW	P
PETERS POINT UF 13-5D-13-17	6 130S	170E	4300750152	2470	Federal	Federal	GW	P
PETERS POINT UF 13-30D-12-17	30 120S	170E	4300750153	18347	Federal	Federal	GW	P
PETERS POINT UF 14-30D-12-17	30 120S	170E				Federal	GW	P
PETERS POINT UF 12-30D-12-17	30 120S	170E			Federal	Federal	GW	P
PETERS POINT UF 11-30D-12-17	30 120S	170E				Federal	GW	P
PETERS POINT UF 3-31D-12-17	30 120S	170E	4300750157		Federal	Federal	GW	P
PETERS POINT UF 2-31D-12-17	30 120S	170E				Federal	GW	P
PETERS POINT UF 16-25D-12-16	30 120S	170E			Federal	Federal	GW	P
PETERS POINT UF 9-25D-12-16	30 120S	170E			Federal	Federal	GW	P
PETERS POINT UF 7X-36D-12-16	36 120S	160E			Federal	Federal	GW	P
PETERS POINT UF 7X-36D-12-16  PETERS POINT UF 8-36D-12-16	36 120S	160E			Federal	Federal	GW	P
PPU FED 14-26D-12-16	26 120S		4300730232	-	Federal	Federal	GW	S
						-		
PPU FED 5-36D-12-16	36 120S	TOUE	4300731350	2470	Federal	Federal	GW	S

FORM 9

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged we drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL  OIL WELL  ORS WELL  OTHER  OTHER	8. WELL NAME and NUMBER:  (see attached well list)
2. NAME OF OPERATOR:	9. API NUMBER:
ENERVEST OPERATING, LLC  3. ADDRESS OF OPERATOR: PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002 (713) 659-35	
4. LOCATION OF WELL  FOOTAGES AT SURFACE: (see attached well list)	COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
OUTOX ADDDODDIATE DOVED TO INDICATE NATURE OF NOTICE	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:  1/1/2014 CHANGE TO PREVIOUS PLANS CHANGE TUBING Date of work completion:  COMMINGLE PRODUCING FORMATIONS  CONVERT WELL TYPE  PRECLAMATION OF WELL SITE  CONVERT WELL TYPE  CENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION  ACIDIZE  ACIDIZE DEEPEN ALL FUTURE CORRESPONDENCE TO THE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, dept  ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL E  EFFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE PROPOSED OR COMPLETED OPERATIONS. The proposed of the performance of the p	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF OTHER: RMATION This, volumes, etc. N THAT THE WELLS LISTED ON THE BILL BARRETT CORPORATION
713-659-3500 (BLM BOND # RLB 7886 , STATE/FEE BOND # BONS 32/	)
•	PERATING, LLC
Duane Zavadi/AME (PLEASE PRINT)  Non 2m/s Signature  Senior Vice President -  EH&S, Government and Regulatory Affairs  N21165	YOUNG NAME (PLEASE PRINT)  LEGULATORY  N4040
PONNIE VOUNG DIRECTO	DR - REGULATORY
SIGNATURE DATE 12/10/201	
(This space for State use on APPROVED	DECEIVED

KECEIVED

JAN 07 2014

JAN 2 8 2013 4 - RT DELOIL GAS & MINING

(See Instructions on Reverse Side)

Well Name	Sec	TWN	RNG API Number E1	ntity Lease	Well Type	Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	160E 4300730460	15167 State	WI	A	
JACK CYN U ST 14-32	32	120S	160E 4300730913	15166 State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E 4300730953	14467 Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E 4300731440	Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E 4300731441	Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S	150E 4300731442	Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E 4300731443	Federal	GW .	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E 4300731465·	Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E 4300731469	Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E 4300750092	Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S	160E 4300750093	Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E 4300750094	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S	150E 4300750095	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S	150E 4300750096	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E 4300750097	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E 4300750124	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E 4300750125	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S	150E 4300750126	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S	150E 4300750127	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S	150E 4300750128	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S	150E 4300750129	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E 4300750130	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E 4300750131	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E 4300750132	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E 4300750133	Federal	. GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E 4300750134	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E 4300750135	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E 4300750148	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E 4300750161	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E 4300750162	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E 4300750163	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E 4300750164	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E 4300750165	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E 4300750166	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E 4300750167	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E 4300750168	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E 4300750169	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E 4300750170	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E 4300750178	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E 4300750180	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E 4300750181	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E 4300750182	Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E 4300750183	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E 4300750184	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E 4300750185	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E 4300750186	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E 4300750187	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E 4300750188	Federal	GW	APD	PRICKLY PEAR

DDICKLY DDAR HE 10 A GD 10 15	07	1000	150E 4200750190	Endon-1	GW	V DL	PRICKLY PEAR
PRICKLY PEAR UF 12A-7D-12-15 PRICKLY PEAR UF 13A-7D-12-15	07 07	120S 120S	150E 4300750189 150E 4300750190	Federal Federal	GW GW	APD APD	PRICKLY PEAR
	07	120S	150E 4300750191	Federal	GW GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15			140E 4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12 12	120S		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14		120S	140E 4300750206				PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E 4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E 4300750208	Federal	GW	APD	
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E 4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E 4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E 4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E 4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E 4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E 4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E 4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E 4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E 4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E 4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E 4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E 4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E 4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E 4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E 4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E 4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E 4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E 4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E 4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E 4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E 4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E 4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E 4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E 4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E 4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E 4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E 4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E 4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E 4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E 4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E 4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E 4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E 4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E 4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E 4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E 4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E 4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E 4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E 4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E 4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E 4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E 4300750273	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E 4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E 4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E 4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E 4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E 4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E 4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E 4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E 4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E 4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E 4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E 4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E 4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E 4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E 4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E 4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E 4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E 4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E 4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E 4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E 4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E 4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E 4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E 4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E 4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E 4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E 4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E 4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E 4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E 4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E 4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E 4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E 4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E 4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E 4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E 4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E 4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E 4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E 4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E 4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E 4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E 4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E 4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E 4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E 4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E 4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E 4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E 4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E 4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S	150E 4300750322	Federal	GW	APD	PRICKLY PEAR
TEGERAL TERMS OF SILEON IN 10							

PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E 4300750323	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E 4300750324	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E 4300750325	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E 4300750326	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E 4300750327	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E 4300750328	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E 4300750329	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E 4300750330	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E 4300750331	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E 4300750332	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E 4300750333	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E 4300750334	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E 4300750335	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E 4300750336	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E 4300750338	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E 4300750339	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E 4300750340	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E 4300750341	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E 4300750342	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E 4300750343	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E 4300750344	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E 4300750345	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E 4300750346	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E 4300750348	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E 4300750349	Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E 4300750350	Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E 4300750351	Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E 4300731430	17225 Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E 4300731475	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E 4300750034	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E 4300750036	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E 4300750055	14794 Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E 4300750120	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06		170E 4300750149	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E 4300750150	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E 4300750194	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E 4300750194	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E 4300750190	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E 4300750197	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E 4300750199	14794 Federal	GW GW	OPS OPS	PRICKLY PEAR PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E 4300750200	14794 Federal	GW		
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E 4300750201	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E 4300750203	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E 4300750204	14794 Federal	GW	OPS	PRICKLY PEAR
SHARPLES 1 GOVT PICKRELL	11	120S	150E 4300716045	7030 Federal	GW	P	

STONE CABIN UNIT 1	13	120S	140E 4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E 4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E 4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E 4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E 4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E 4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E 4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E 4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E 4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E 4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E 4300730775	13158 State	GW	Ρ.,	
PETERS POINT U FED 4-31D-12-17	36	120S	160E 4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E 4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E 4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E 4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E 4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E 4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E 4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E 4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E 4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E 4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E 4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E 4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E 4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E 4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E 4300731008	14897 Federal	GW	P	•
PETERS POINT U FED 12-31D-12-17	36	120S	160E 4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E 4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E 4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E 4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E 4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E 4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E 4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E 4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E 4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E 4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E 4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E 4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E 4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E 4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E 4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E 4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E 4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E 4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E 4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E 4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E 4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E 4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E 4300731188	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR 11-15D-12-15	22	120S	150E 4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E 4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E 4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E 4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E 4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E 4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E 4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E 4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E 4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E 4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E 4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E 4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E 4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E 4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E 4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E 4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E 4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E 4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E 4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E 4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E 4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E 4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E 4300731259	14794 Federal	GW	Ρ .	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E 4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E 4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E 4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E 4300731272	2470 Federal	$\mathbf{G}\mathbf{W}$	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E 4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E 4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E 4300731279	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E 4300731280	16069 State	GW	P	
PPU FED 6-34D-12-16	34	120S	160E 4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E 4300731282	16224 Federal	GW -	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E 4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E 4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E 4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E 4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E 4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E 4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E 4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E 4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E 4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E 4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E 4300731308	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E 4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E 4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-17D-12-15	17	120S	150E 4300731311	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E 4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E 4300731313	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 3-18D-12-15	18	120S	150E 4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E 4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E 4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E 4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E 4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E 4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E 4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E 4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E 4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E 4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E 4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E 4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E 4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E 4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E 4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E 4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E 4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E 4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E 4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E 4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E 4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E 4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E 4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E 4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E 4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E 4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E 4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E 4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E 4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E 4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E 4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E 4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18		150E 4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E 4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E 4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E 4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E 4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E 4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E 4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E 4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E 4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E 4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E 4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E 4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E 4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E 4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E 4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E 4300731411	2470 Federal	GW	P	PETERS POINT
	21	120S	150E 4300731411	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-21D-12-15	41	1203	13015 4300/31412	ITIJT Poucial	O W	1	INCIDITEAN

PPU FED 6-21D-12-15	21	120S	150E 4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E 4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E 4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E 4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E 4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E 4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E 4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E 4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E 4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E 4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E 4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E 4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E 4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E 4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E 4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E 4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E 4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E 4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E 4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E 4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E 4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E 4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E 4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E 4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E 4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E 4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E 4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E 4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E 4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E 4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E 4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E 4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E 4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E 4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E 4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E 4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E 4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E 4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E 4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E 4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E 4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E 4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E 4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E 4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E 4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E 4300750027	2470 Federal	ĠW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E 4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E 4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E 4300750033	2470 Federal	GW	P	PETERS POINT

PETERS POINT U FED 10-25D-12-16	25	120S	160E 4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E 4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E 4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E 4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E 4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E 4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E 4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E 4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E 4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E 4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E 4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E 4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E 4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E 4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E 4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E 4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E 4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E 4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E 4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E 4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E 4300750058	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E 4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E 4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15	08	120S	150E 4300750062	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 3A-34D-12-16	27	120S	160E 4300750063	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27	120S	160E 4300750065	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E 4300750066	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S	160E 4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-27D-12-16	27	120S	160E 4300750068	18204 Federal	GW	P	
PETERS POINT U FED 14A-27D-12-16	27	120S	160E 4300750069	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E 4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E 4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E 4300750078	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E 4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E 4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E 4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E 4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E 4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR Ú FED 6-17D-12-15	17	120S	150E 4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E 4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E 4300750086	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E 4300750087	14794 Federal	GW	Ρ.,	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E 4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E 4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E 4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E 4300750091	14794 Federal	GW	P	PRICKLY PEAR

	PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E 4300750098	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E 4300750099	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E 4300750100	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E 4300750101	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E 4300750102	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E 4300750104	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E 4300750105	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E 4300750106	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E 4300750107	14794 Federal	GW	P	PRICKLY PEAR
	PETERS POINT U FED 5-31D-12-17	36	120S	160E 4300750109	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 6-31D-12-17	36	120S	160E 4300750116	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 9X-36D-12-16	36	120S	160E 4300750117	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 1-36D-12-16	36	120S	160E 4300750118	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 10-6D-13-17	06	130S	170E 4300750119	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 15-31D-12-17	06	130S	170E 4300750123	2470 Federal	GW	P	PETERS POINT
	PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E 4300750136	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E 4300750137	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E 4300750138	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 12-20D-12-15	20	120S	150E 4300750139	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E 4300750140	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E 4300750141	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E 4300750142	14794 Federal	GW	P	PRICKLY PEAR
•	PRICKLY PEAR UF 13-9D-12-15	08	120S	150E 4300750143	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 12-9D-12-15	08	120S	150E 4300750144	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 10-8D-12-15	08	120S	150E 4300750145	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 9-8D-12-15	08	120S	150E 4300750146	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E 4300750147	14794 Federal	GW	P	PRICKLY PEAR
	PETERS POINT UF 12-5D-13-17	06	130S	170E 4300750151	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 13-5D-13-17	06	130S	170E 4300750152	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 13-30D-12-17	30	120S	170E 4300750153	18347 Federal	GW	P	PETERS POINT
	PETERS POINT UF 14-30D-12-17	30	120S	170E 4300750154	18350 Federal	GW	P	PETERS POINT
	PETERS POINT UF 12-30D-12-17	30	120S	170E 4300750155	18346 Federal	GW	P	PETERS POINT
	PETERS POINT UF 11-30D-12-17	30	120S	170E 4300750156	18348 Federal	GW	P	PETERS POINT
	PETERS POINT UF 3-31D-12-17	30	120S	170E 4300750157	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 2-31D-12-17	30	120S	170E 4300750158	18349 Federal	GW	P	PETERS POINT
	PETERS POINT UF 16-25D-12-16	30	120S	170E 4300750159	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 9-25D-12-16	30	120S	170E 4300750160	2470 Federal	GW	P	PETERS POINT
	PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E 4300750171	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E 4300750173	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E 4300750174	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E 4300750175	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E 4300750176	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 9-9D-12-15	09	120S	150E 4300750195	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 16-9D-12-15	09	120S	150E 4300750202	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 8-14D-12-15	14	120S	150E 4300750216	18289 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 15-14D-12-15	14	120S	150E 4300750221	18290 Federal	GW	P	PRICKLY PEAR
	PETERS POINT UF 7X-36D-12-16	36	120S	160E 4300750231	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 8-36D-12-16	36	120S	160E 4300750232	2470 Federal	GW	P	PETERS POINT
	PETERS POINT ST 6-2D-13-16	02	130S	160E 4300731017	14472 State	D	PA	

·							
PTS 33-36 STATE	36	110S	140E 4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E 4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E 4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E 4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E 4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E 4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E 4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E 4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E 4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20	120S	150E 4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E 4300750172	14794 Federal	GW	S	PRICKLY PEAR